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Arizona Traffic Accident Summary 1988

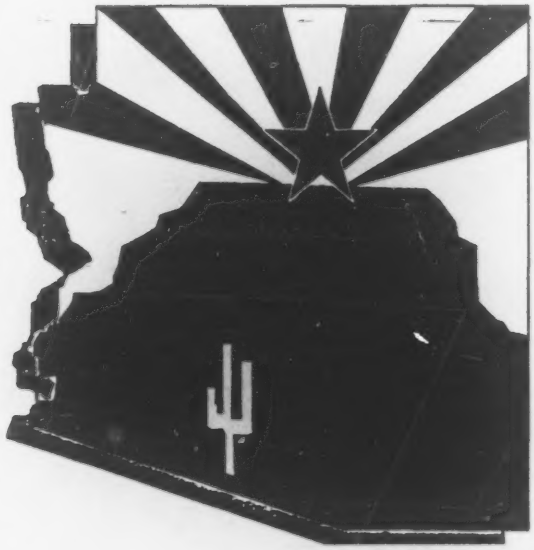

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TABLE OF CONTENTS

Page

HIGHLIGHTS AND HISTORICAL TRENDS 3
Total accidents, fatalities, injuries, economic loss, age of fatalities, holiday deaths, restraint usage.

GEOGRAPHIC LOCATION 10
Accidents by counties, cities, state highways.

ACCIDENT DESCRIPTIONS 17
Weather and road conditions, first harmful event, time, day, month, multi-vehicle accidents.

MOTOR VEHICLE AND DRIVER CHARACTERISTICS 22
Registration, vehicle type, licensed drivers, physical condition, age of drivers, accident causes.

ALCOHOL-RELATED ACCIDENTS 26
Age of drivers, history, type of accident, time elements.

PEDESTRIAN AND PEDALCYCLIST 30
Age and action of victims, physical condition, history.

MOTORCYCLE ACCIDENTS 34
Age, physical conditions, helmets, accident type, time.

SCHOOL BUS ACCIDENTS 38
Injuries, fatalities, history.

The 1988 Arizona Traffic Accident Summary is an annual report published by the Traffic Engineering Section of the Arizona Department of Transportation.

This publication is a statistical review of motor vehicle traffic accidents in the State of Arizona for the calendar year 1988. The figures are compiled from the traffic accident reports that are submitted to the Arizona Department of Transportation by state, county, city, reservation and other police agencies.

Some of the information published in prior editions is not available for this years summary. Complete information will be available beginning with the 1989 Arizona Traffic Accident Summary.

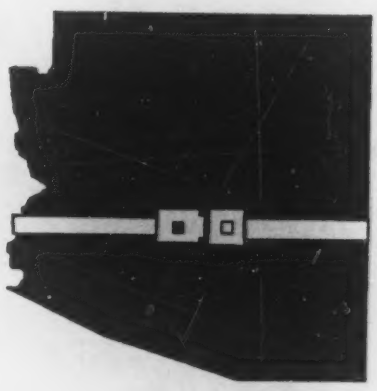
Specific inquiries regarding data presented in the report should be sent to the following address:

Arizona Department of Transportation
Traffic Records Unit
206 S. 17th Avenue 064R
Phoenix, Arizona 85007

Additional copies of The Arizona Traffic Accident Sumary may be obtained at:

Arizona Department of Transportation
Traffic Records Unit
2612 S. 46th Street
Phoenix, Arizona 85034

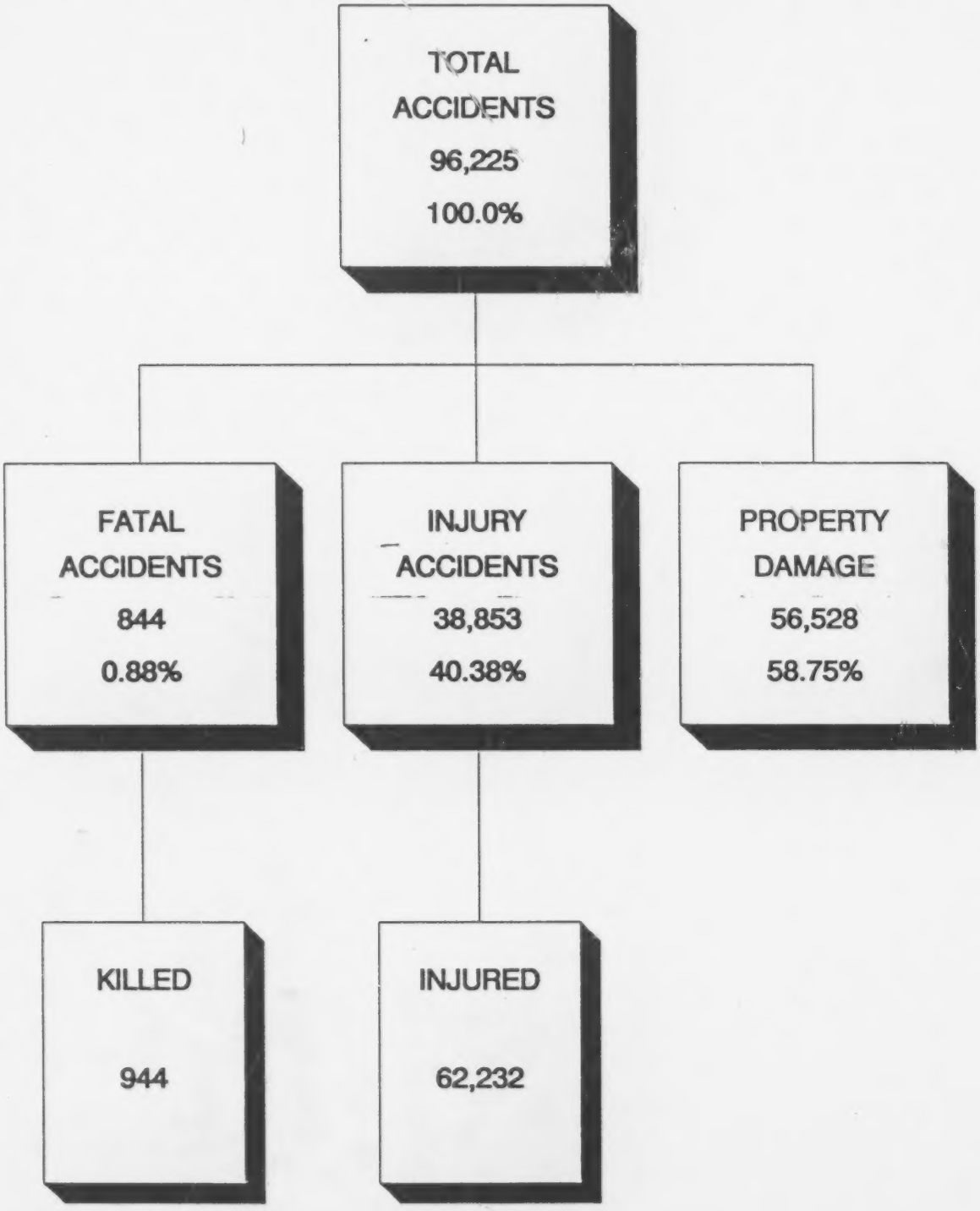
Phone: (602) 255 - 7724



ARE YOU PUTTING ME ON ?

SEAT BELTS SAVE LIVES ...

HIGHLIGHTS AND HISTORICAL TRENDS



HIGHLIGHTS AND HISTORICAL TRENDS

ARIZONA ACCIDENT FACTS	1987	1988	PERCENT OF CHANGE
Reported Accidents	99,172	96,225	-3.0%
Total Killed	939	944	0.5%
Total Injured	63,278	62,232	-1.7%
Pedestrians Killed	149	164	10.1%
Pedestrians Injured	1,458	1,459	0.07%
Motorcyclists Killed	89	97	9.0%
Motorcyclists Injured	3,327	3,001	-9.8%
Bicyclists Killed	20	35	75.0%
Bicyclists Injured	1,913	1,862	-2.7%
Millions of V.M.T.	31,729	34,774	9.6%
Deaths Per 100 Million V.M.T.	2.96	2.71	-8.4%
Injuries Per 100 Million V.M.T.	199.4	179.0	-10.2%

V.M.T. Vehicle Miles Traveled

In 1988:

2.6 persons were killed every day (one every 9.3 hours).

170 persons were injured every day (one every 8.5 minutes).

One valid licensed driver out of every 13.0 was involved in an accident.

One out of every 13.8 registered vehicles in Arizona was involved in an accident.

75% of drivers in fatal accidents were male.

9.4% of all accidents involved alcohol.

35.1% of fatal accidents involved alcohol.

70.2% of all accidents happened during daylight hours.

47% of fatal accidents occurred during darkness.

81% of all accidents occurred in urban areas of the state.

44.1% of fatal accidents occurred in urban areas of the state.

ESTIMATED ECONOMIC LOSS

COUNTIES	PERSONS KILLED		PERSONS INJURED		MINOR INJURY/ PROPERTY DAMAGE ONLY		TOTAL ECONOMIC LOSS
	NO.	$ LOSS	NO.	$ LOSS	NO.	$ LOSS	
Apache	48	13,920,000	262	3,432,200	764	1,298,800	18,651,000
Cochise	24	6,960,000	555	7,270,500	1,258	2,138,600	16,369,100
Coconino	64	18,560,000	1,084	14,200,400	2,900	4,930,000	37,690,400
Gila	16	4,640,000	342	4,480,200	596	1,013,200	10,133,400
Graham	11	3,190,000	88	1,152,800	158	268,600	4,611,400
Greenlee	2	580,000	38	497,800	86	146,200	1,224,000
La Paz	16	4,640,000	206	2,698,600	277	470,900	7,809,500
Maricopa	377	109,330,000	19,867	260,257,700	46,754	79,481,800	449,069,500
Mohave	67	19,430,000	833	10,912,300	1,561	2,653,700	32,996,000
Navajo	42	12,180,000	364	4,768,400	821	1,395,700	18,344,100
Pima	114	33,060,000	5,067	66,377,700	13,374	22,735,800	122,173,500
Pinal	73	21,170,000	942	12,340,200	1,659	2,820,300	36,330,500
Santa Cruz	9	2,610,000	175	2,292,500	263	447,100	5,349,600
Yavapai	48	13,920,000	954	12,497,400	1,530	2,601,000	29,018,400
Yuma	33	9,570,000	857	11,226,700	1,547	2,629,900	23,426,600
TOTAL	944	$273,760,000	31,634	$414,405,400	73,548	$125,031,600	$813,197,000

The economic loss from traffic accidents in Arizona is based on cost estimates developed by the National Safety Council.

1. Fatality.	$290,000	(944)
2. Injury, other than minor.	$13,100	(31,634)
3. Minor Injury/Property Damage Only.	$1,700	(73,548)

Categories 1 and 2 are per injury and include property damage.
Category 3 is per accident.
Arizona's annual economic loss per capita. $229

VICTIM AGE GROUPS

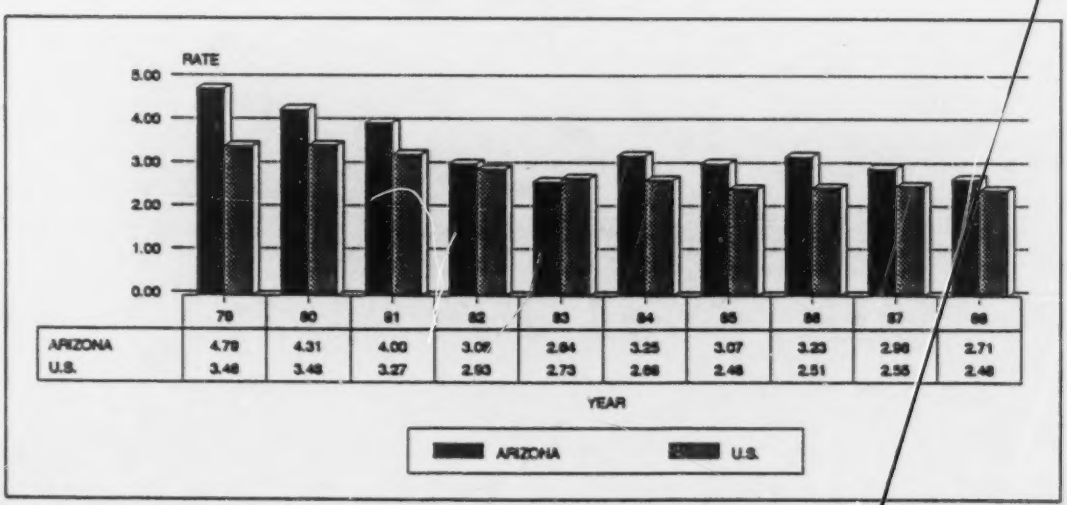
AGE	PERSONS KILLED TOTAL	MALE	FEMALE	PERSONS INJURED TOTAL	MALE	FEMALE
0 - 4	31	17	14	1,638	*	*
5 - 9	17	11	6	1,926	*	*
10 - 14	34	18	16	2,184	*	*
15 - 19	119	85	34	9,945	*	*
20 - 24	151	121	30	9,908	*	*
25 - 34	171	124	47	14,329	*	*
35 - 44	136	96	40	8,417	*	*
45 - 54	66	48	18	4,780	*	*
55 - 64	75	51	24	3,688	*	*
65 - 74	74	48	26	2,822	*	*
75 & Over	67	37	30	1,589	*	*
Age Unknown	3	3	0	1,006	*	*
TOTALS	944	659	285	62,232		

** Not available for Calendar Year 1988.*

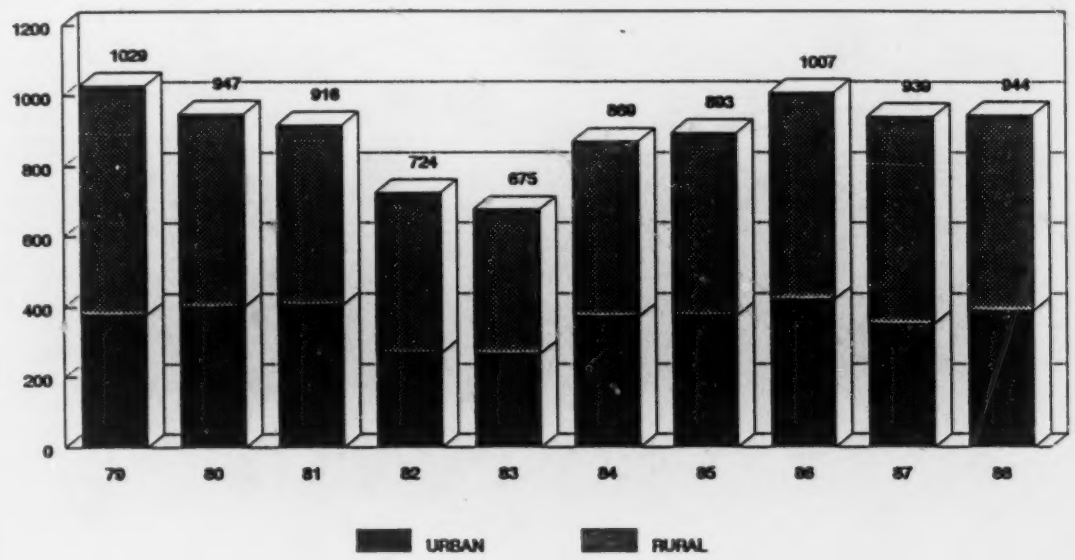
ARIZONA HIGHWAY ACCIDENT STATISTICS

YEAR	MOTOR VEHICLE REGISTRATION	MOTOR VEHICLE MILEAGE	TRAFFIC DEATHS	TRAFFIC INJURIES	ESTIMATED AZ FATALITY RATE/PER 100,000,000 V.M.T.	ESTIMATED US FATALITY RATE/PER 100,000,000 V.M.T
1925	68,029	370,916,000	76	NA	20.49	18.20
1930	110,915	867,750,000	190	NA	21.90	15.60
1935	105,610	930,758,000	217	1,905	23.31	15.91
1940	141,788	1,308,550,000	228	2,800	17.42	11.42
1945	146,436	1,573,475,000	283	2,540	17.99	11.28
1950	271,803	2,944,000,000	325	4,135	11.04	7.59
1955	415,655	4,414,561,000	358	6,824	8.11	6.37
1960	630,016	6,535,862,000	513	13,360	7.85	5.31
1965	857,934	8,339,000,000	550	21,279	6.60	5.54
1970	1,122,113	12,122,437,566	762	32,230	6.29	4.91
1971	1,221,838	13,235,451,395	755	34,174	5.70	4.70
1972	1,344,779	14,795,985,059	812	37,525	5.49	4.50
1973	1,470,700	16,219,000,000	967	39,545	5.96	4.20
1974	1,531,955	15,724,551,816	751	35,430	4.78	3.63
1975	1,514,846	16,031,406,497	670	36,646	4.18	3.46
1976	1,536,835	16,895,449,043	739	39,467	4.37	3.44
1977	1,615,727	18,121,403,496	933	44,484	5.15	3.35
1978	1,728,190	19,277,000,000	1,027	51,607	5.33	3.41
1979	1,810,204	21,500,000,000	1,029	51,743	4.79	3.46
1980	1,896,076	21,965,000,000	947	49,697	4.31	3.48
1981	1,973,831	22,920,000,000	917	48,974	4.00	3.27
1982	2,022,928	23,663,000,000	724	45,778	3.06	2.93
1983	2,055,026	25,561,000,000	675	50,076	2.64	2.73
1984	2,162,526	26,700,000,000	869	57,592	3.25	2.68
1985	2,283,832	29,050,000,000	893	59,650	3.07	2.48
1986	2,387,818	31,143,000,000	1,007	62,466	3.23	2.51
1987	2,438,960	31,729,000,000	939	63,278	2.96	2.55
1988	2,511,115	34,774,203,105	944	62,232	2.71	2.46

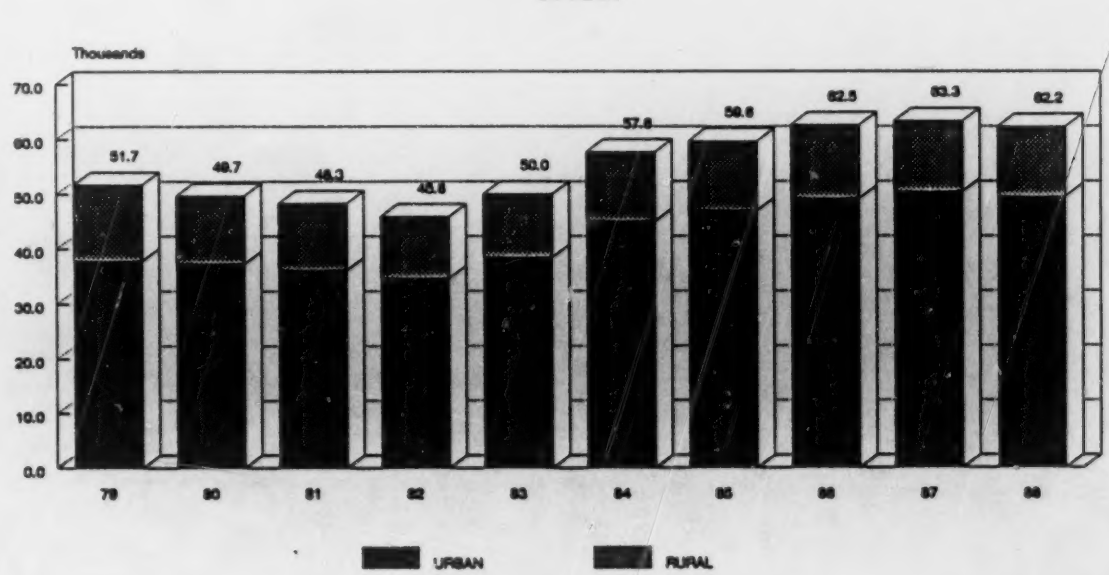
ARIZONA vs U.S.
FATALITY RATE
(Fatalities/100,000,000 V.M.T.)



ARIZONA TRAFFIC FATALITIES BY YEAR



ARIZONA TRAFFIC INJURIES BY YEAR



HOLIDAY ACCIDENT STATISTICS

Holidays such as Memorial Day, Labor Day, and Thanksgiving are regarded as a 3 or 4 day weekend holiday for statistical purposes.

Holidays such as Christmas, New Years, and the Fourth of July are celebrated on specific dates; which also make the holiday period vary from one to four days in length.

Holiday fatality statistics are recorded from 6 p.m. on the last working day prior to the holiday and terminate at midnight on the last day of the holiday period. Example: Thanksgiving fatalities are counted from 6 p.m. Wednesday to midnight on Sunday.

HOLIDAY	1988 HOLIDAYS BEGIN 6 P.M.	END MIDNIGHT	FATAL ACCIDENTS	PEOPLE KILLED	NUMBER OF FULL DAYS
New Years	Thursday 12/31/87	Sunday 01/03/88	9	9	3
Memorial Day	Friday 05/27/88	Monday 05/30/88	7	7	3
July 4th	Friday 07/01/88	Monday 07/04/88	14	15	3
Labor Day	Friday 09/02/88	Monday 09/05/88	10	12	3
Thanksgiving	Wednesday 11/23/88	Sunday 11/27/88	18	20	4
Christmas	Friday 12/23/88	Sunday 12/25/88	9	10	2

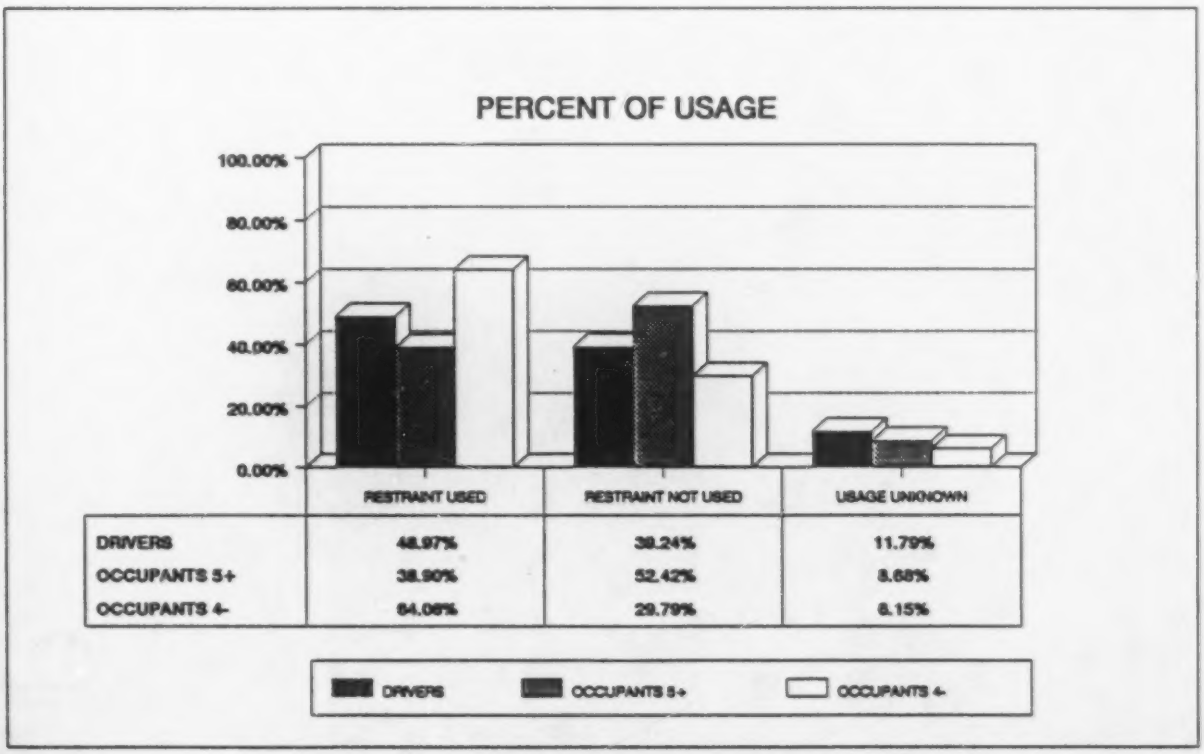
YEAR	NEW YEARS	MEMORIAL DAY	JULY 4TH	LABOR DAY	THANKSGIVING	CHRISTMAS
1984 Fatal Accidents	5	11	2	12	15	9
Number Killed	6	14	2	14	16	9
Days in Period	3	3	1	3	4	4
1985 Fatal Accidents	10	10	18	6	10	2
Number Killed	11	14	22	6	11	2
Days in Period	4	3	4	3	4	1
1986 Fatal Accidents	4	7	10	13	4	13
Number Killed	6	8	11	16	4	14
Days in Period	1	3	3	3	4	4
1987 Fatal Accidents	11	8	13	20	12	13
Number Killed	11	10	13	22	12	14
Days in Period	4	3	3	3	4	3
1988 Fatal Accidents	9	7	14	10	18	9
Number Killed	9	7	15	12	20	10
Days in Period	3	3	3	3	4	2

RESTRAINT USAGE

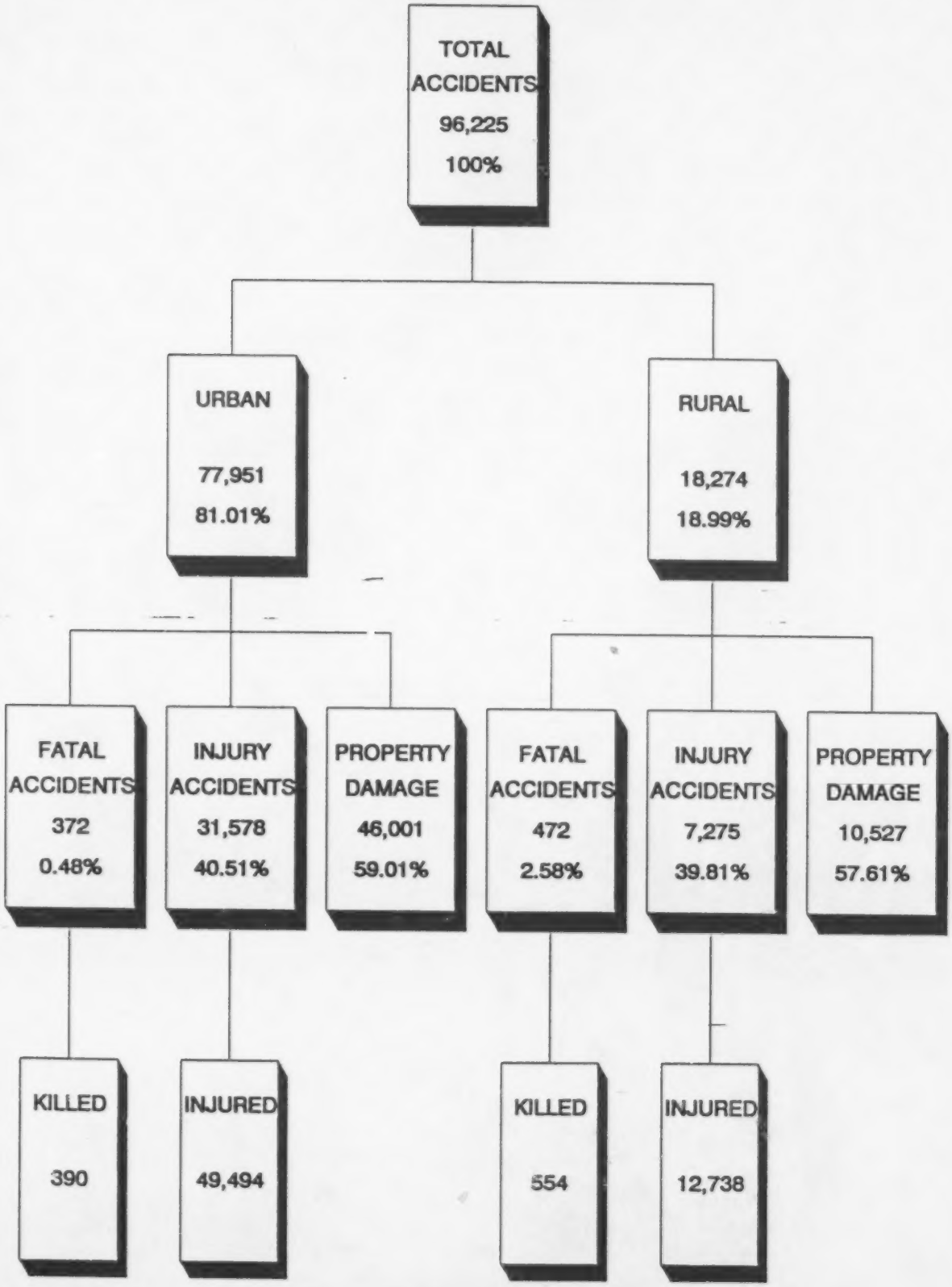
DRIVERS	NUMBER OF DRIVERS	% OF USAGE	NUMBER KILLED	% KILLED IN CATAGORY	% TOTAL DR. KILLED
Restraint Used	80,572	48.97%	47	0.06%	12.84%
Not Used	64,560	39.24%	242	0.37%	66.12%
Usage Unknown	19,406	11.79%	77	0.40%	21.04%
TOTAL TESTED	164,538	100.00%	366	0.22%	100.00%

OCCUPANTS 5 AND OLDER	NUMBER OF OCCUPANTS	% OF USAGE	NUMBER KILLED	% KILLED IN CATAGORY	% TOTAL 5+ OCC. KILLED
Restraint Used	29,129	38.90%	26	0.09%	10.40%
Not Used	39,258	52.42%	187	0.48%	74.80%
Usage Unknown	6,502	8.68%	37	0.57%	14.80%
TOTAL TESTED	74,889	100.00%	250	0.33%	100.00%

OCCUPANTS 4 AND UNDER	NUMBER OF OCCUPANTS	% OF USAGE	NUMBER KILLED	% KILLED IN CATAGORY	% TOTAL 4- OCC. KILLED
Restraint Used	6,460	64.06%	3	0.05%	12.00%
Not Used	3,004	29.79%	20	0.67%	80.00%
Usage Unknown	620	6.15%	2	0.32%	8.00%
TOTAL TESTED	10,084	100.00%	25	0.25%	100.00%



GEOGRAPHIC LOCATION



ACCIDENTS, DEATHS AND INJURIES BY JURISDICTION

COUNTIES	CITIES	NUMBER OF ACCIDENTS				NUMBER OF PERSONS		ALCOHOL RELATED		
		TOTAL	FATAL	INJURY	PROP. DAM.	TOTAL KILLED	TOTAL INJ.	TOTAL ACC.	TOTAL KILLED	TOTAL INJ.
APACHE										
	Eager	42	0	13	29	0	19	5	0	2
	St. Johns	19	0	8	11	0	15	2	0	0
	Springerville	27	0	4	23	0	6	4	0	0
	State Rural Rds	598	18	206	374	22	356	93	7	92
	Other Rural Rds	284	24	99	161	26	199	79	11	79
TOTAL		970	42	330	598	48	595	183	18	173
COCHISE										
	Benson	25	0	6	19	0	11	0	0	0
	Bisbee	79	1	20	58	1	32	8	0	6
	Douglas	281	0	60	221	0	110	20	0	7
	Huachuca City	NO ACCIDENTS REPORTED IN 1988.								
	Sierra Vista	465	2	126	337	2	172	26	0	17
	Tombstone	21	0	5	16	0	13	4	0	1
	Willcox	29	0	12	17	0	21	4	0	3
	State Rural Rds	515	16	197	302	17	351	42	5	40
	Other Rural Rds	217	4	78	135	4	125	19	2	16
TOTAL		1,632	23	504	1,105	24	835	123	7	90
COCONINO										
	Flagstaff	1,840	10	418	1,412	10	626	113	1	64
	Fredonia	3	0	2	1	0	3	0	0	0
	Page	64	1	19	44	1	27	12	0	9
	Sedona	6	0	5	1	0	6	0	0	0
	Williams	79	0	17	62	0	21	4	0	2
	State Rural Rds	1,421	31	468	922	41	890	127	13	148
	Other Rural Rds	212	9	55	148	12	110	35	3	40
TOTAL		3,625	51	984	2,590	64	1,683	291	17	263
GILA										
	Globe	141	3	43	95	3	72	24	0	9
	Hayden	12	0	2	10	0	2	3	0	1
	Miami	5	1	1	3	1	2	0	0	0
	Payson	89	0	44	45	0	75	13	0	12
	Winkelman	3	0	0	3	0	0	2	0	0
	State Rural Rds	495	9	201	285	10	348	72	3	64
	Other Rural Rds	99	2	37	60	2	52	20	2	9
TOTAL		844	15	328	501	16	551	134	5	95
GRAHAM										
	Pima	10	0	1	9	0	2	3	0	2
	Safford	11	3	1	7	3	1	4	1	1
	Thatcher	32	0	11	21	0	18	4	0	6
	State Rural Rds	123	4	51	68	6	95	23	1	30
	Other Rural Rds	40	3	19	19	2	38	4	0	4
TOTAL		216	9	83	124	11	154	38	2	43
GREENLEE										
	Clifton	23	0	10	13	0	14	5	0	2
	Duncan	5	0	1	4	0	1	0	0	0
	Morenci	NO ACCIDENTS REPORTED IN 1988.								
	State Rural Rds	67	2	26	39	2	40	10	0	9
	Other Rural Rds	21	0	7	14	0	12	3	0	2
TOTAL		116	2	44	70	2	67	18	0	13
LA PAZ										
	Parker	41	1	10	30	1	16	4	1	2
	State Rural Rds.	354	8	153	193	8	257	32	2	23
	Other Rural Rds.	24	6	3	15	7	12	6	4	8
TOTAL		419	15	166	238	16	285	42	7	33

ACCIDENTS, DEATHS AND INJURIES BY JURISDICTION

COUNTIES / CITIES	NUMBER OF ACCIDENTS				NUMBER OF PERSONS		ALCOHOL RELATED		
	TOTAL	FATAL	INJURY	PROP. DAM.	TOTAL KILLED	TOTAL INJ.	TOTAL ACC.	TOTAL KILLED	TOTAL INJ.
MARICOPA									
Avondale	145	0	53	92	0	86	16	0	14
Buckeye	58	0	16	42	0	28	3	0	2
Chandler	1,134	8	487	639	8	821	112	4	116
El Mirage	74	2	41	31	2	67	11	0	7
Gila Bend	9	1	6	2	1	7	1	0	1
Gilbert	253	1	99	153	1	145	22	0	17
Glendale	2,554	8	1,434	1,112	9	2,378	256	4	307
Goodyear	55	1	20	34	1	43	5	1	6
Guadalupe	1	0	0	1	0	0	0	0	0
Mesa	6,903	31	2,846	4,026	32	4,532	466	12	403
Paradise Valley	272	2	118	152	2	193	22	1	20
Peoria	544	3	184	357	3	286	48	0	42
Phoenix	34,726	166	14,417	20,143	179	22,653	3,043	77	2,829
Scottsdale	3,364	14	1,389	1,961	15	2,203	246	4	240
Surprise	90	1	31	58	1	45	12	0	5
Tempe	6,591	25	2,774	3,792	25	4,185	546	7	542
Tolleson	27	0	10	17	0	17	4	0	4
Wickenburg	71	1	30	40	1	54	4	0	5
Youngtown	NO ACCIDENTS REPORTED IN 1988.								
State Rural Rds	1,501	35	637	829	40	1,197	204	16	237
Other Rural Rds	2,740	49	1,299	1,392	57	2,238	380	27	439
TOTAL	61,112	348	25,891	34,873	377	41,178	5,401	153	5,236
MOHAVE									
Bullhead City	587	2	210	375	2	343	68	1	50
Kingman	229	0	91	138	0	124	13	0	6
Lake Havasu City	268	1	115	152	1	173	27	0	21
State Rural Rds	806	42	296	468	58	546	123	17	113
Other Rural Rds	243	6	101	136	6	173	40	2	46
TOTAL	2,133	51	813	1,269	67	1,359	271	20	236
NAVAJO									
Holbrook	23	1	8	14	1	12	2	0	2
Pinetop/Lakeside	76	0	28	48	0	47	10	0	9
Show Low	69	0	25	44	0	39	5	0	6
Snowflake	57	1	18	38	1	32	5	0	7
Taylor	6	1	4	1	1	6	0	0	0
Winslow	152	2	42	108	2	60	19	0	13
State Rural Rds	532	24	193	315	29	355	74	9	78
Other Rural Rds	159	8	52	99	8	95	36	4	35
TOTAL	1,074	37	370	667	42	646	151	13	150
PIMA									
Ajo	NO ACCIDENTS REPORTED IN 1988.								
Green Valley	NO ACCIDENTS REPORTED IN 1988.								
Marana	34	0	19	15	0	30	8	0	8
Oro Valley	42	1	13	28	2	20	4	0	1
South Tucson	224	1	76	147	1	117	28	0	16
Tucson	12,466	47	4,794	7,625	48	7,354	1,027	13	879
State Rural Rds	981	26	392	563	28	697	130	15	133
Other Rural Rds	3,305	33	1,257	2,015	35	1,978	295	13	247
TOTAL	17,052	108	6,551	10,393	114	10,196	1,492	41	1,282
PINAL									
Apache Junction	287	3	88	196	3	139	19	1	9
Casa Grande	416	3	151	262	3	267	41	0	26
Coolidge	72	2	25	45	2	40	16	0	16
Eloy	68	2	31	35	2	55	13	1	11
Florence	61	0	12	49	0	17	6	0	6
Kearny	19	0	4	15	0	5	3	0	3
Mammoth	5	0	3	2	0	3	1	0	1
Superior	31	0	8	23	0	9	8	0	2
State Rural Rds	791	30	317	444	31	575	124	14	125
Other Rural Rds	556	24	210	322	32	357	96	9	87
TOTAL	2,306	64	849	1,393	73	1,467	327	25	286

ACCIDENTS, DEATHS AND INJURIES BY JURISDICTION

COUNTIES / CITIES	NUMBER OF ACCIDENTS				NUMBER OF PERSONS			ALCOHOL RELATED		
	TOTAL	FATAL	INJURY	PROP. DAM.	TOTAL KILLED	TOTAL INJ.	TOTAL ACC.	TOTAL KILLED	TOTAL INJ.
SANTA CRUZ									
Nogales	194	2	116	76	2	199	30	1	32
Patagonia	5	0	3	2	0	3	2	0	2
State Rural Rds	135	6	59	70	6	101	39	2	45
Other Rural Rds	49	1	22	26	1	35	7	1	11
TOTAL	383	9	200	174	9	338	78	4	90
YAVAPAI									
Bagdad	NO ACCIDENTS REPORTED IN 1988.								
Camp Verde	55	3	20	32	3	38	6	0	6
Chino Valley	37	1	16	20	1	36	5	0	2
Clarkdale	7	1	1	5	1	1	5	0	1
Cottonwood	135	2	39	94	2	60	9	0	6
Jerome	NO ACCIDENTS REPORTED IN 1988.								
Mayer	NO ACCIDENTS REPORTED IN 1988.								
Prescott	579	2	242	335	2	371	29	1	25
Prescott Valley	74	1	35	38	1	68	9	0	17
State Rural Rds	936	24	372	540	29	660	91	4	101
Other Rural Rds	362	8	173	181	9	279	50	1	40
TOTAL	2,185	42	898	1,245	48	1,513	204	6	198
YUMA									
San Luis	NO ACCIDENTS REPORTED IN 1988.								
Somerton	2	0	1	1	0	1	0	0	0
Wellton	NO ACCIDENTS REPORTED IN 1988.								
Yuma	1,463	8	543	912	8	831	160	2	125
State Rural Rds	371	12	142	217	15	261	38	8	47
Other Rural Rds	322	8	156	158	10	272	62	6	66
TOTAL	2,158	28	842	1,288	33	1,365	260	16	238
GRAND TOTAL	96,225	844	38,853	56,528	944	62,232	9,013	334	8,426

Arizona Revised Statute (A.R.S. 28-667), requires that ... a motor vehicle accident resulting in bodily injury or death or damage to the property of any person in excess of five hundred dollars... shall be reported by forwarding a copy of the accident report to the Arizona Department of Transportation. Individual city and county totals may vary from year to year due to their reporting policies.

ACCIDENTS, DEATHS AND INJURIES ON THE STATE HIGHWAY SYSTEM

TYPE	SUFFIX	ROUTE	NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
			TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED	POSSIBLE INJURY	NON-INCAP INJURY	INCAP INJURY
I		8	304	12	135	157	14	238	57	134	47
S	B	8	71	1	28	42	1	44	15	21	8
I		10	3,079	52	1,031	1,996	55	1,775	644	768	365
S	B	10	54	1	24	29	1	34	14	13	7
I		15	70	7	21	42	8	42	13	26	3
I		17	3,578	28	1,011	2,539	31	1,615	783	635	197
I		19	251	8	103	140	8	180	56	74	50
I		40	1,421	33	481	907	38	818	229	426	163
S	B	40	458	2	106	350	2	165	75	74	16
U		60	945	20	366	559	21	657	248	293	116
S		61	20	0	12	8	0	14	5	6	3
S		64	87	3	28	56	3	79	12	49	18
S		66	31	3	11	17	4	17	3	9	5
S		67	12	0	2	10	0	5	1	3	1
S		68	100	11	32	57	13	51	17	19	15
S		69	158	5	69	84	8	133	51	55	28
U		70	122	4	48	70	6	90	43	31	16
S		71	9	0	4	5	0	7	2	2	3
S		72	14	1	5	8	1	7	4	2	1
S		73	9	6	1	2	6	4	1	2	1
S		74	20	0	9	11	0	19	5	13	1
S	X	74	10	1	3	6	1	11	1	3	7
S		75	11	0	5	6	0	9	4	3	2
S		76	22	1	8	13	1	11	6	3	2
S		77	180	2	72	106	2	115	35	57	23
S		78	5	0	1	4	0	1	0	1	0
S		79	0	0	0	0	0	0	0	0	0
U		80	128	3	44	81	3	92	28	44	20
S		81	0	0	0	0	0	0	0	0	0
S		82	54	2	23	29	2	37	12	13	12
S		83	46	1	22	23	1	34	6	21	7
S		84	75	3	34	38	3	67	28	31	8
S		85	169	2	72	95	2	146	45	70	31
S	S	85	7	1	0	6	1	1	0	1	0
S		86	106	4	48	54	4	102	40	38	24
S		87	628	14	283	331	18	509	154	247	108
S		88	119	4	52	63	4	77	21	33	23
S	B	89	1	0	0	1	0	0	0	0	0
S	L	89	5	0	1	4	0	2	2	0	0
U		89	851	23	329	499	28	632	243	266	125
U	A	89	443	2	135	306	2	220	83	97	41
U	Y	89	0	0	0	0	0	0	0	0	0
S		90	101	1	36	64	1	53	8	30	15
S	S	90	1	0	1	0	0	2	2	0	0
S		92	91	3	36	52	3	58	22	28	8
U		93	291	13	113	165	25	220	56	105	60
S		95	589	6	245	338	6	434	180	184	70
U		95	178	4	63	111	6	118	27	50	43
S		96	7	0	3	4	0	4	3	1	0
S		97	7	0	3	4	0	3	0	2	1
S		98	39	2	11	26	3	24	6	7	11
S		99	4	0	3	1	0	4	1	3	0
S		143	45	0	11	34	0	15	8	6	1
U		160	177	9	57	111	11	114	76	28	10
U		163	42	0	10	32	0	19	10	2	7
S		169	6	0	2	4	0	2	2	0	0
S		170	11	0	4	7	0	4	4	0	0
S		177	35	0	15	20	0	22	9	13	0

Legend
Type: I=Interstate S=State U=U.S. Highway
Suffix: A=Alternate B=Business L=Loop S=Spur X=Temporary

ACCIDENTS, DEATHS AND INJURIES ON THE STATE HIGHWAY SYSTEM

TYPE	SUFFIX	ROUTE	NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
			TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED	POSSIBLE INJURY	NON-INCAP INJURY	INCAP INJURY
S		179	58	0	20	38	0	25	9	13	3
S	A	180	0	0	0	0	0	0	0	0	0
U		180	160	3	48	109	4	80	25	46	9
S		181	1	0	0	1	0	0	0	0	0
S		186	9	1	2	6	1	3	2	0	1
S		187	0	0	0	0	0	0	0	0	0
S		188	28	1	12	15	2	21	1	15	5
S		189	2	0	1	1	0	2	2	0	0
U		191	72	3	23	46	3	48	28	11	9
U		238	6	0	4	2	0	8	0	4	4
S		260	347	3	135	209	7	266	105	112	50
S		264	151	9	52	90	13	105	57	35	13
S		266	6	1	1	4	1	4	0	2	2
S		273	16	0	7	9	0	14	4	6	4
S	S	273	1	0	1	0	0	1	0	0	1
S		277	21	0	10	11	0	19	4	10	5
S		279	26	1	7	18	1	10	3	4	3
S		280	8	0	5	3	0	8	2	4	2
S		286	1	0	0	1	0	0	0	0	0
S		287	39	1	17	21	1	24	7	9	8
S		288	11	0	5	6	0	8	4	3	1
S		289	9	0	2	7	0	2	1	1	0
S		360	902	2	292	608	2	442	278	121	43
S		366	11	0	3	8	0	4	1	2	1
S		373	3	0	2	1	0	4	0	4	0
S		377	6	0	3	3	0	3	1	2	0
S		386	0	0	0	0	0	0	0	0	0
S		387	15	1	10	4	1	13	5	6	2
S		389	14	1	7	6	1	13	6	6	1
S		473	0	0	0	0	0	0	0	0	0
S		504	1	0	0	1	0	0	0	0	0
S		564	2	0	1	1	0	2	2	0	0
S		587	10	2	3	5	2	7	2	4	1
U		666	135	4	62	69	4	90	24	44	22
U	X	666	20	0	8	12	0	16	6	3	7
U	Y	666	1	0	0	1	0	0	0	0	0
TOTALS			17,389	331	6,015	11,043	390	10,398	3,979	4,509	1,920

Legend

Type: I=Interstate S=State U=U.S. Highway

Suffix: A=Alternate B=Business L=Loop S=Spur X=Temporary

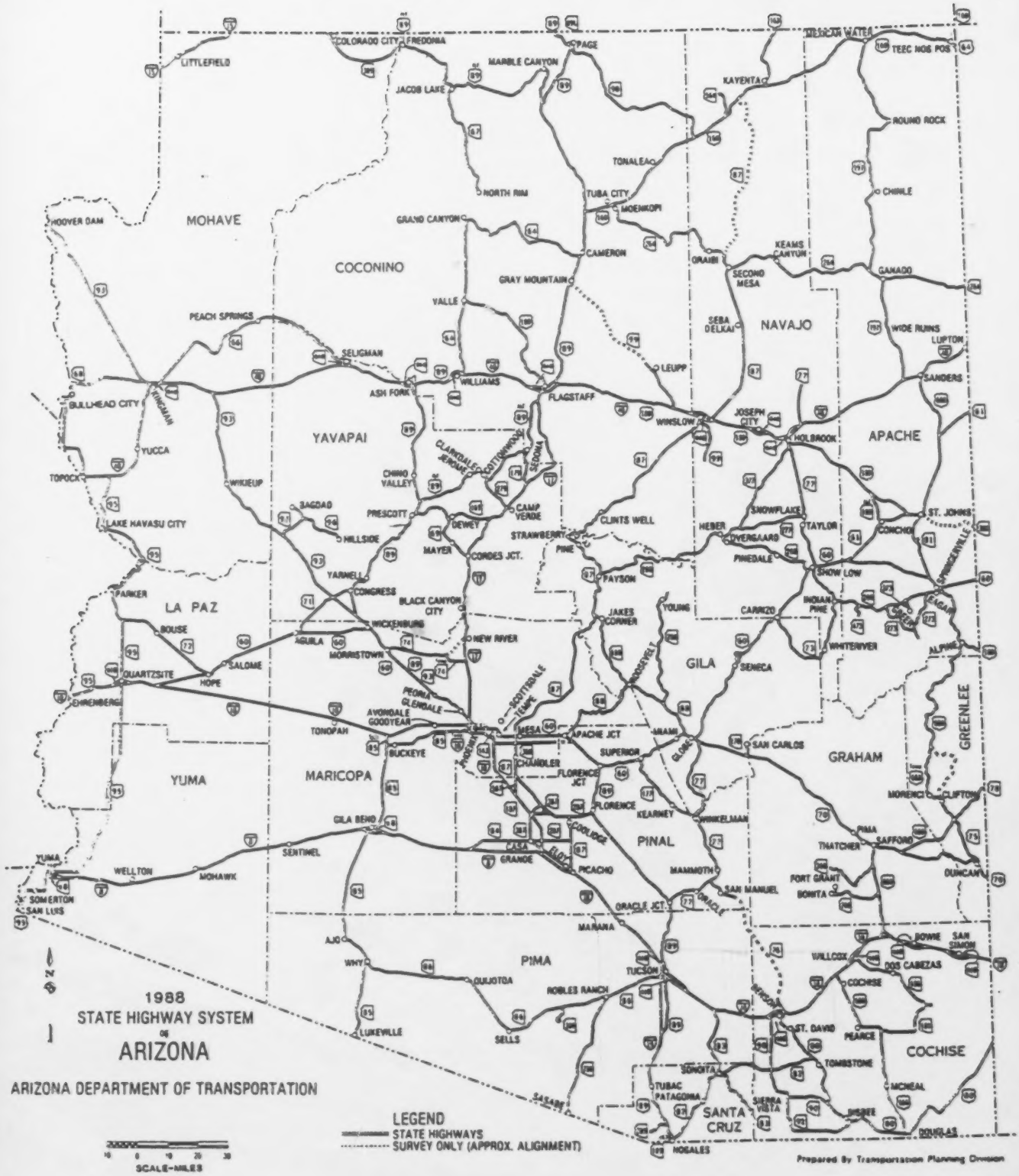
- The figures above do not include the accidents on The State Highway System when a local street name is used as a reference on the accident report form.

Accident Rates On The State Highway System

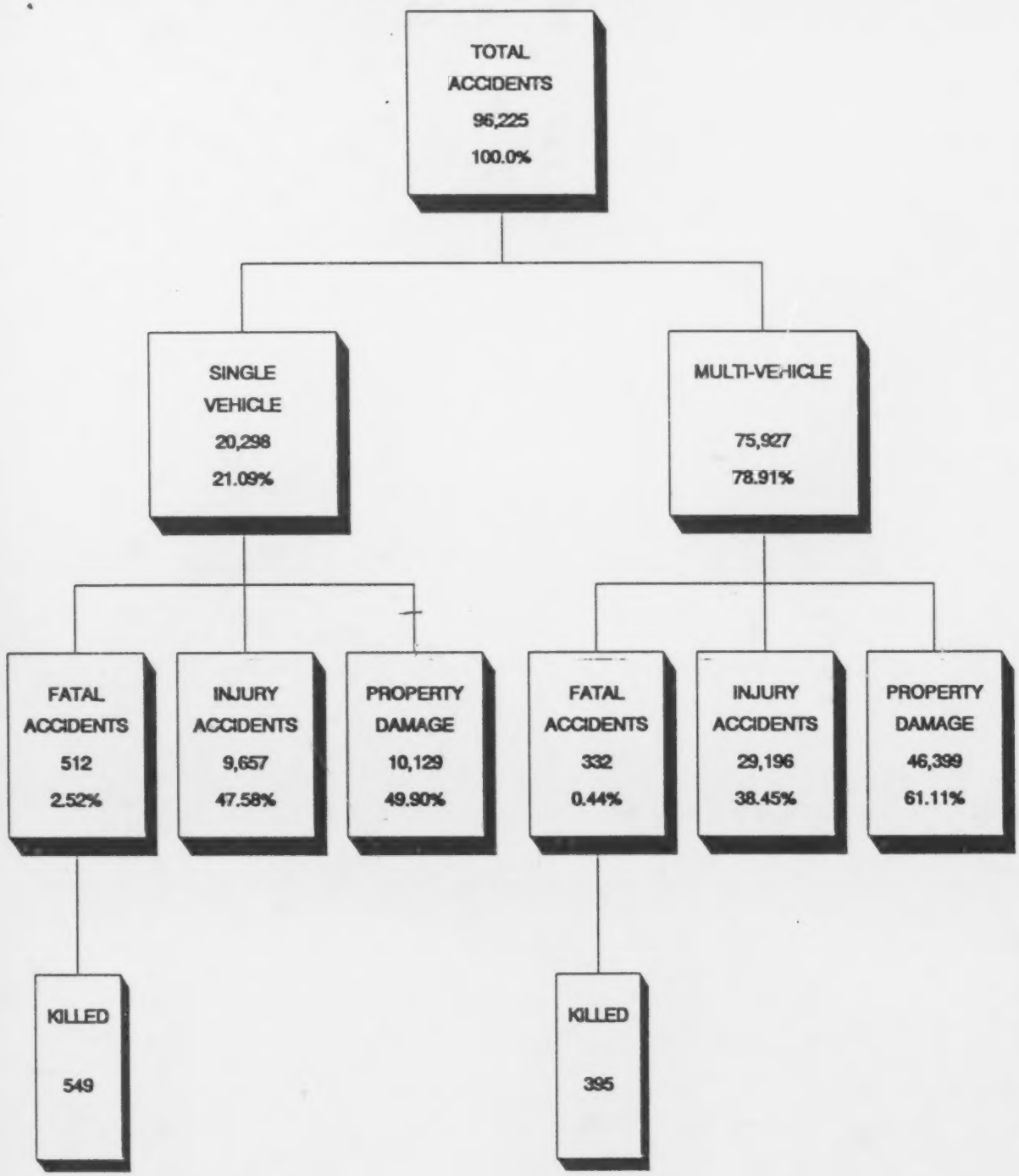
Averaged Over 1986-1988

(Accidents Per Million Vehicle Miles Of Travel)

URBAN	MILES	RATE	RURAL	MILES	RATE
2 lane	92	1.36	2 lane	4,444	1.10
4 lane	108	2.33	4 lane	100	1.18
4 lane divided	179	1.67	4 lane divided	238	1.00
Freeway	262	1.71	Freeway	2,090	0.67
All Road Categories			1.15		


1988
STATE HIGHWAY SYSTEM
OF
ARIZONA
ARIZONA DEPARTMENT OF TRANSPORTATION
LEGEND
STATE HIGHWAYS
SURVEY ONLY (APPROX. ALIGNMENT)
SCALE-MILES
Prepared By Transportation Planning Division
MOHAVE
COCONINO
NAVAJO
APACHE
YAVAPAI
LA PAZ
YUMA
MARICOPA
PINAL
GILA
GRAHAM
GREENLEE
PIMA
SANTA CRUZ
COCHISE
GRAND CANYON
PAGE
FLAGSTAFF
WINSLOW
HOLBROOK
PRESCOTT
LAKE HAVASU CITY
KINGMAN
BULLHEAD CITY
PARKER
YUMA
SOMERTON
SAN LUIS
TUCSON
NOGALES
DOUGLAS
SAFFORD
SHOW LOW
PAYSON
CAMP VERDE
SEDONA
CLIFTON
MORENCI
DUNCAN
WILLCOX
BISBEE

ACCIDENT DESCRIPTION



ENVIRONMENTAL FACTORS

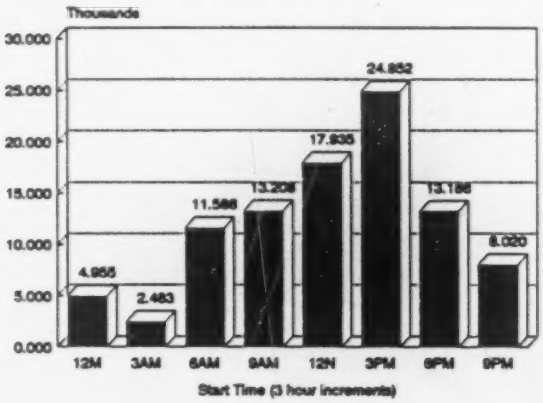
LIGHT CONDITION	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Daylight	67,517	390	26,677	40,450	443	42,173
Dawn or Dusk	4,061	54	1,693	2,314	62	2,691
Darkness	24,469	397	10,441	13,631	436	17,248
Not Reported	178	3	42	133	3	120
TOTALS	96,225	844	38,853	56,528	944	62,232

WEATHER CONDITION	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Clear	79,521	691	32,407	46,423	768	51,845
Raining	4,560	26	1,786	2,748	33	2,907
Cloudy	10,233	111	4,025	6,097	123	6,439
Snowing	797	3	205	589	4	338
Strong Wind	524	6	214	304	9	353
Dust	68	1	28	39	1	64
Fog	67	0	26	41	0	40
Not reported	455	6	162	287	6	246
TOTALS	96,225	844	38,853	56,528	944	62,232

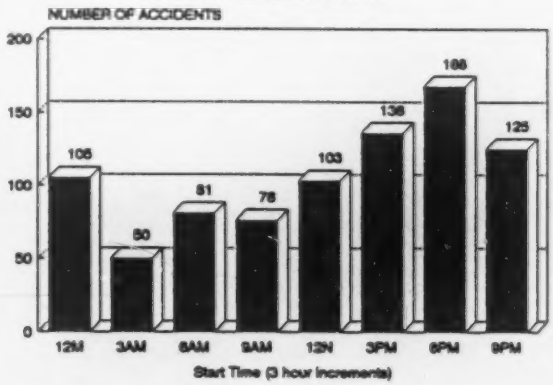
UNUSUAL ROAD CONDITIONS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
No Unusual Condition	91,290	801	37,107	53,382	895	59,414
Under Construction Thru Traffic Allowed	3,394	20	1,135	2,239	26	1,759
Under Construction Traffic Detoured	55	1	15	39	1	23
Under Repairs	127	0	53	74	0	88
Holes, Ruts, Bumps	450	11	198	241	11	349
Obstruction Protected	40	0	14	26	0	24
Obstruction Unprotected	59	0	25	34	0	40
Obstruction Unlighted At Night	28	1	8	19	1	15
Defective Shoulders	27	0	16	11	0	32
Changing Road Width	267	9	95	163	9	185
Flooded	191	0	76	115	0	111
Temp. Lane Closure	297	1	111	185	1	192
TOTALS	96,225	844	38,853	56,528	944	62,232

ACCIDENTS BY TIME OF DAY

TOTAL ACCIDENTS

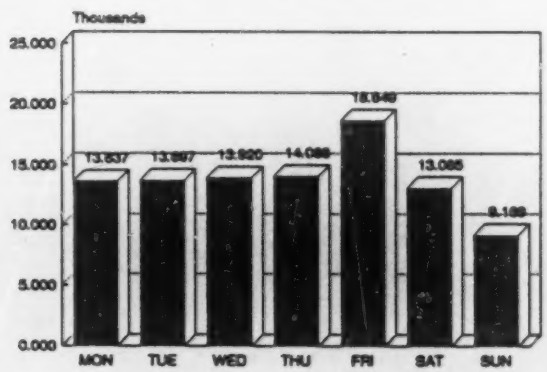


FATAL ACCIDENTS

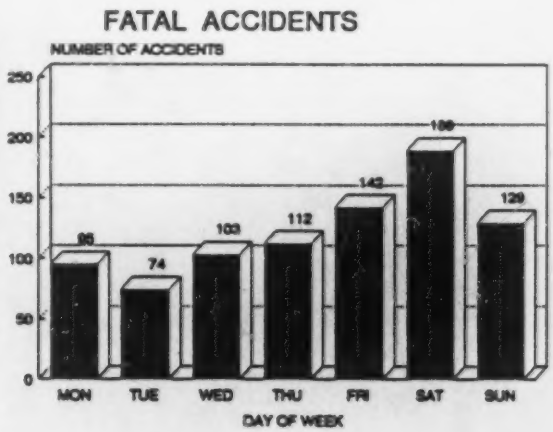


ACCIDENTS BY DAY OF WEEK

TOTAL ACCIDENTS

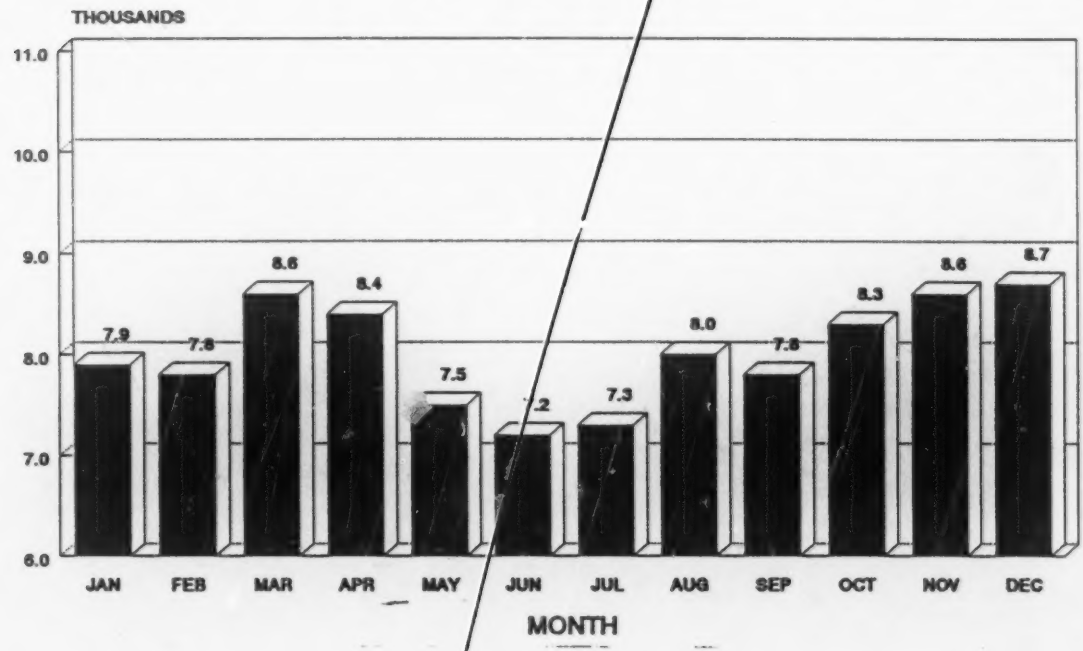


FATAL ACCIDENTS

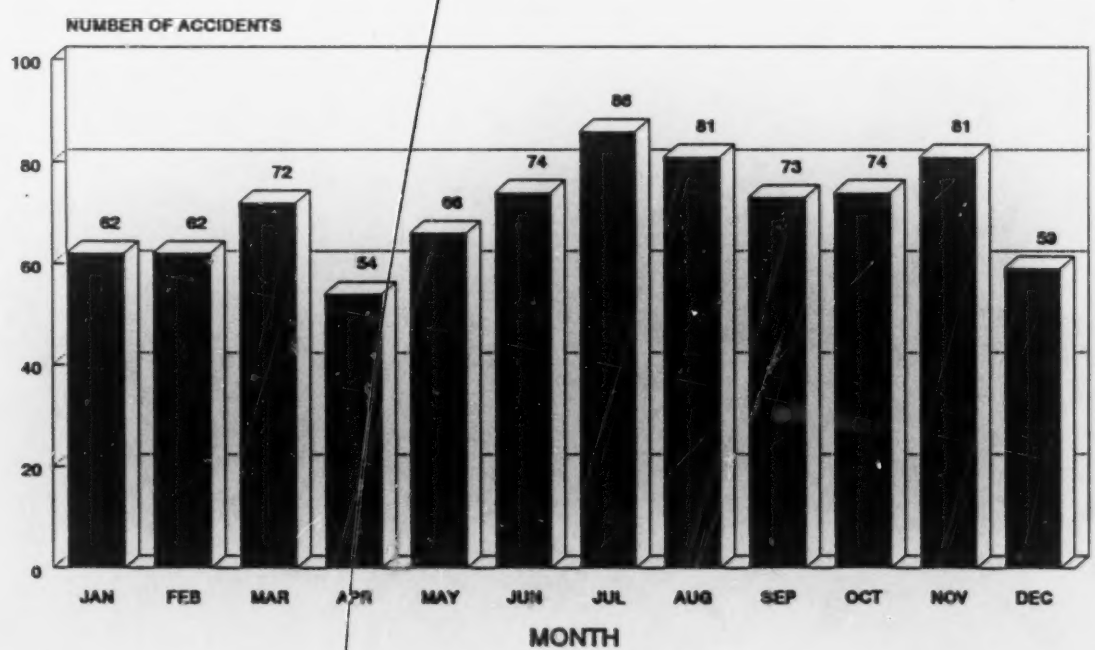


ACCIDENTS BY THE MONTH

TOTAL ACCIDENTS



FATAL ACCIDENTS



MULTI VEHICLE ACCIDENTS

SEVERITY	TOTAL	HEAD-ON	REAR-END	SIDE SWIPE MEETING	SIDE SWIPE PASSING	LEFT TURN	OTHER ANGLE	BACKED INTO	OTHER
All Acc.	75,929	315	27,225	96	184	10,457	17,124	2,097	18,431
Fatal Acc.	332	29	40	1	2	46	98	1	115
Injury Acc.	29,196	178	11,667	25	27	5,243	7,207	134	4,715

NUMBER OF VEHICLES	NUMBER OF ACCIDENTS	PERCENT
1	20,298	21.09
2	67,271	69.91
3	7,222	7.51
4	1,188	1.23
5+	246	0.26
TOTALS	96,225	100.00%

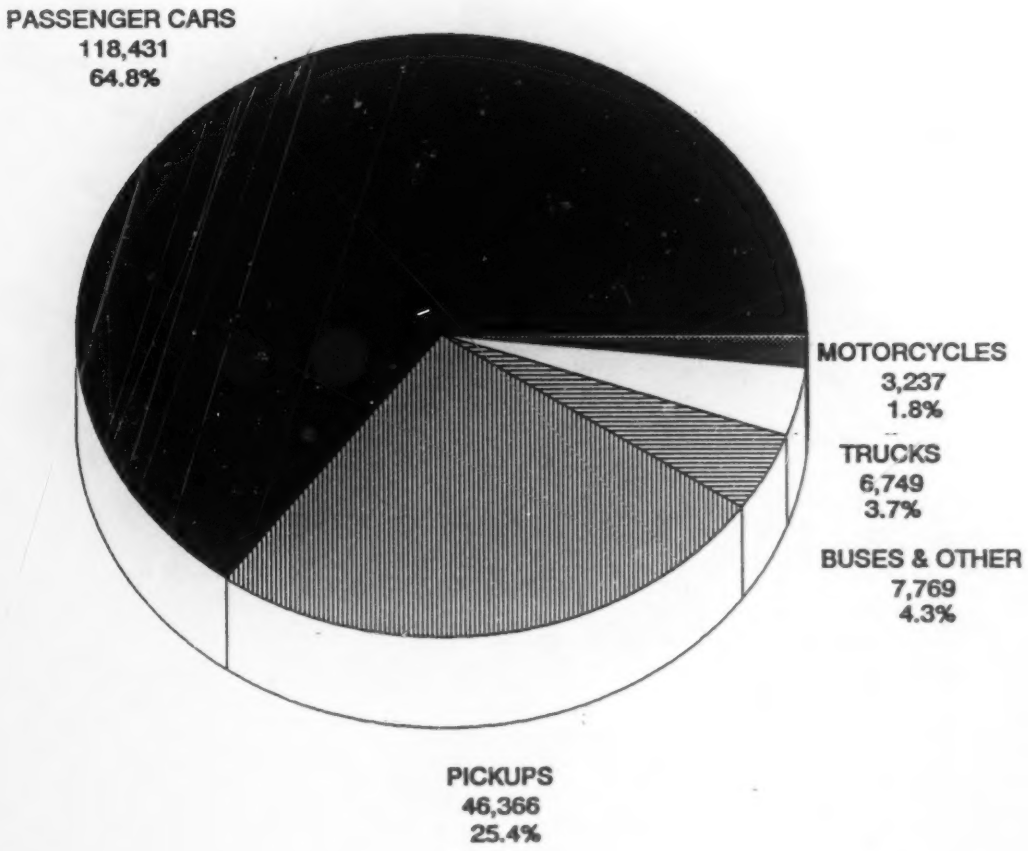
VEHICLE TYPE	PASSENGER CAR	PICKUP	TRUCK	BUS	MOTORCYCLE	OTHER VEHICLE
PASSENGER CAR	67 29,226	64 21,927	23 1,355	0 342	23 1,341	24 3,677
PICKUP / VAN		19 4,514	11 527	1 136	19 447	8 1,481
TRUCK			3 111	0 20	1 15	3 121
BUS				0 3	0 6	0 30
MOTORCYCLE					2 26	4 83
OTHER VEHICLE						4 220

Legend: Fatal Accidents / Total Accidents

TYPE OF ACCIDENT

	TOTAL	FATAL	INJURY	PROP. DAM.	NUMBER KILLED	NUMBER INJURED
Overturning	3,437	167	1,907	1,363	187	3,369
Other Non-Collision	2,351	18	998	1,335	18	1,191
Pedestrian	1,542	163	1,379	0	164	1,459
Motor Vehicle in Transit	71,526	295	28,239	42,992	355	48,224
Motor Vehicle Other Roadway	2	0	0	2	0	0
Parked Motor Vehicle	3,568	12	590	2,966	14	754
Railway Train	23	5	4	14	11	6
Pedalcyclist	1,885	35	1,850	0	35	1,873
Animal	1,019	5	148	866	5	200
Fixed Object	10,239	141	3,665	6,433	152	5,063
Other Object	633	3	73	557	3	93
TOTALS	96,225	844	38,853	56,528	944	62,232

MOTOR VEHICLE AND DRIVER CHARACTERISTICS



TOTAL VEHICLES: 182,552

MOTOR VEHICLE REGISTRATION BY TYPE

Passenger Car	1,719,118
Commercial Vehicles	316,759
Non-Commercial (Pickups, Etc.)	396,882
Motorcycles	74,588
Other	3,768
TOTAL	2,511,115

MOTOR VEHICLE ACCIDENT INVOLVEMENT BY TYPE

MOTOR VEHICLE TYPE	ALL ACCIDENTS NUMBER	%	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE
Passenger Car	118,345	64.83	607	49,174	68,564
Passenger Car and Trailer	86	0.05	0	21	65
Pickup Truck (Incl. Panel & Mini Bus)	44,066	24.14	336	16,793	26,937
Pickup Truck with Camper	2,300	1.26	10	933	1,357
Truck Tractor (only)	92	0.05	0	25	67
Truck Tractor And Semi-Trailer	3,307	1.81	65	903	2,339
Med/Heavy Truck or Comb.	3,350	1.84	35	1,070	2,245
Farm Tractor and/or Farm Equipment	31	0.02	0	18	13
Taxicab	108	0.06	1	46	61
Bus	443	0.24	1	126	316
School Bus	209	0.11	0	63	146
Motorcycle	3,237	1.77	101	2,702	434
Motor Scooter, Motor Bicycle, Moped	46	0.03	1	41	4
Recreational Vehicle	3,843	2.11	52	1,619	2,172
Motor Home or House Car	407	0.22	4	111	292
Emergency Vehicle (Including Privately Owned)	83	0.05	1	24	58
Other Type Vehicle	214	0.12	2	81	131
Vehicle Type Not Reported	2,385	1.31	33	570	1,782
TOTALS	182,552	100.00%	1,249	74,320	106,983

VALID LICENSED DRIVERS IN ARIZONA - BY AGE

AGE GROUP	MALE NUMBER	MALE PERCENT	FEMALE NUMBER	FEMALE PERCENT	TOTAL NUMBER	TOTAL PERCENT	CUMALATIVE PERCENT
*15	2,786	0.23	2,486	0.21	5,272	0.22	0.22
16	13,479	1.11	11,676	1.01	25,155	1.06	1.28
17	18,456	1.51	16,430	1.42	34,886	1.47	2.75
18	22,624	1.86	20,130	1.74	42,754	1.80	4.55
19	21,994	1.80	20,406	1.76	42,400	1.78	6.33
20	22,030	1.81	20,725	1.79	42,755	1.80	8.13
21	23,213	1.90	21,741	1.88	44,954	1.89	10.03
22	23,745	1.95	22,344	1.93	46,089	1.94	11.97
23	25,311	2.08	24,168	2.09	49,479	2.08	14.05
24	28,065	2.30	26,951	2.33	55,016	2.32	16.36
25-34	304,032	24.95	288,296	24.92	592,328	24.93	41.30
35-44	256,181	21.02	236,150	20.41	492,331	20.72	62.02
45-54	162,925	13.37	155,321	13.42	318,246	13.40	75.41
55-64	130,230	10.69	127,771	11.04	258,001	10.86	86.27
65-70	110,626	9.08	111,315	9.62	221,941	9.34	95.62
71 & Up	53,037	4.35	51,119	4.42	104,156	4.38	100.00
TOTAL	1,218,734	100.00%	1,157,029	100.00%	2,375,763**	100.00%	100.00%

* Age 15 is Instructional Permit only.
** 15,439 Instruction Permits included in this category.

DRIVER ACCIDENT INVOLVEMENT - BY AGE

AGE GROUP	INVOLVED IN ALL ACCIDENTS NUMBER	INVOLVED IN ALL ACCIDENTS PERCENT	INVOLVED IN FATAL ACCIDENTS NUMBER	INVOLVED IN FATAL ACCIDENTS PERCENT	INVOLVED IN INJURY ACCIDENTS NUMBER	INVOLVED IN INJURY ACCIDENTS PERCENT
15 & Younger	694	0.38	6	0.48	298	0.40
16	4,161	2.28	22	1.76	1,780	2.40
17	5,591	3.06	31	2.48	2,374	3.19
18	6,773	3.71	42	3.36	2,920	3.93
19	6,376	3.49	42	3.36	2,785	3.75
20	5,657	3.10	41	3.28	2,463	3.31
21	5,738	3.14	43	3.44	2,456	3.30
22	5,729	3.14	37	2.96	2,405	3.24
23	5,849	3.20	50	4.00	2,452	3.30
24	5,801	3.18	39	3.12	2,473	3.33
25-34	47,102	25.80	311	24.90	19,703	26.51
35-44	29,151	15.97	213	17.05	11,942	16.07
45-54	15,791	8.65	115	9.21	6,552	8.82
55-64	11,536	6.32	75	6.00	4,868	6.55
65-74	8,512	4.66	71	5.68	3,480	4.68
75 & Up	4,311	2.36	36	2.88	1,834	2.47
Not Reported	13,780	7.55	75	6.00	3,535	4.76
TOTALS	182,552	100.00%	1,249	100.00%	74,320	100.00%

DRIVERS PHYSICAL CONDITION

DRIVER CONDITION	ALL ACCIDENTS NUMBER OF CASES	ALL ACCIDENTS % (OF UNITS)	FATAL ACCIDENTS NUMBER OF CASES	FATAL ACCIDENTS % (OF UNITS)	INJURY ACCIDENTS NUMBER OF CASES	INJURY ACCIDENTS % (OF UNITS)
Had Been Drinking	9,201	5.04	316	25.30	4,859	6.54
Ill Ability Influenced	316	0.17	7	0.56	195	0.26
Other Bodily Defects	460	0.25	6	0.48	245	0.33
Use of Narcotic Drugs	356	0.20	7	0.56	180	0.24
Sleepy, Fatigued	2,173	1.19	85	6.81	1,185	1.59
No Apparent Defects	154,184	84.46	617	49.40	63,101	84.90
Not Reported	16,486	9.03	240	19.22	4,903	6.60
TOTAL	183,176	*	1,278	*	74,668	*
NUMBER OF UNITS	182,552		1,249		74,320	

* Totals more than 100% because of multiple conditions.

DRIVER ERRORS

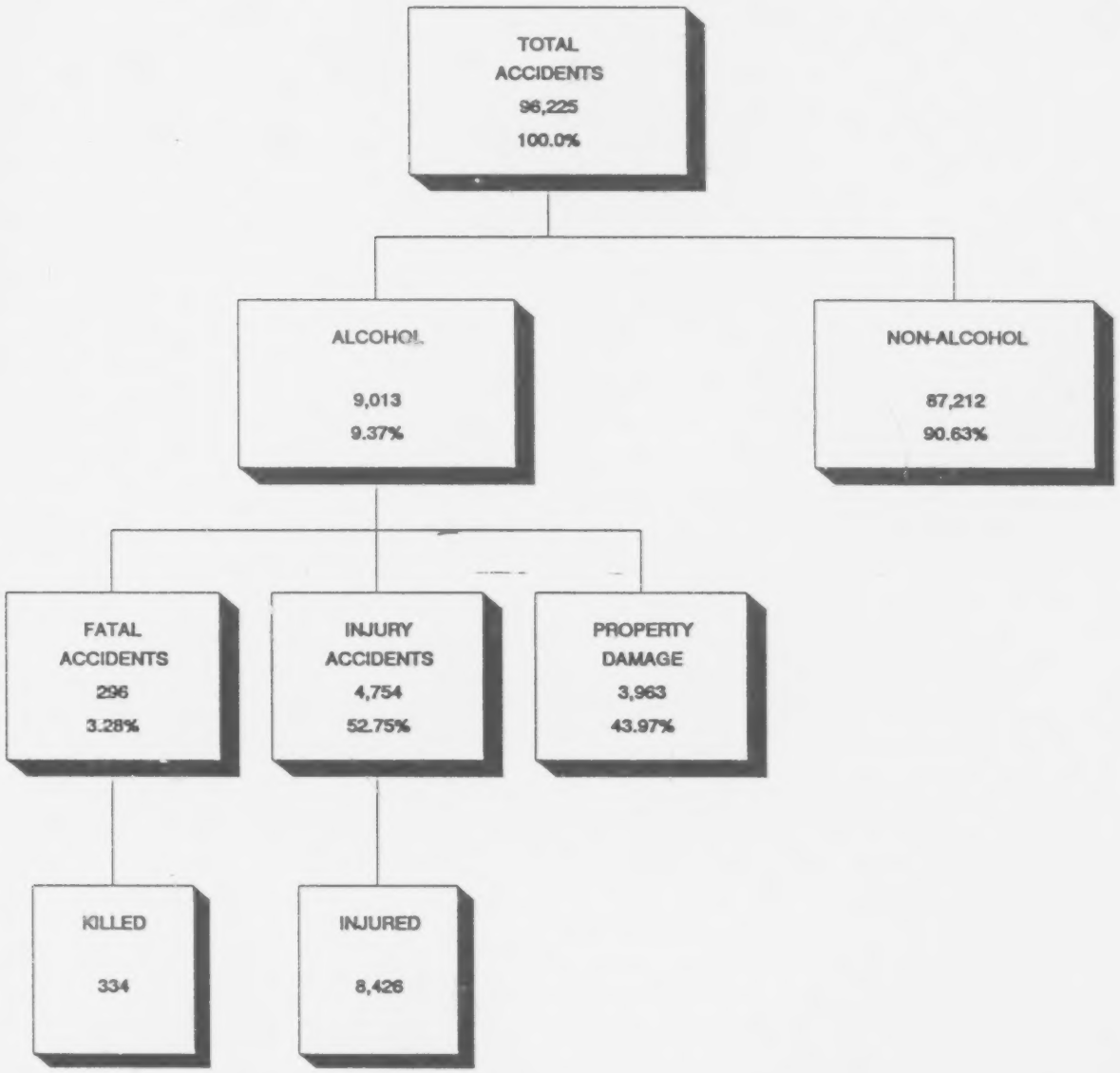
CONTRIBUTING CIRCUMSTANCES	ALL ACCIDENTS NUMBER OF CASES	ALL ACCIDENTS % (Of Units)	FATAL ACCIDENTS NUMBER OF CASES	FATAL ACCIDENTS % (Of Units)	INJURY ACCIDENTS NUMBER OF CASES	INJURY ACCIDENTS % (Of Units)
Speed To Fast For Conditions	34,513	18.91	301	24.10	15,086	20.30
Exceeded Lawful Speed Limit	2,482	1.36	117	9.37	1,243	1.67
Failed To Yield Right-of-Way	23,292	12.76	90	7.21	10,248	13.79
Ran Stop Sign	1,320	0.72	33	2.64	861	1.16
Disregarded Traffic Signal	4,555	2.50	36	2.88	2,438	3.28
Drove Left Of Center	1,853	1.02	79	6.33	790	1.06
Followed To Closely	2,816	1.54	2	0.16	995	1.34
Made Improper Turn	4,008	2.20	11	0.88	1,149	1.55
Inattention	22,077	12.09	199	15.93	9,005	12.12
Other Improper Action	15,836	8.67	128	10.25	4,475	6.02
No Improper Action	*83,097	45.52	413	33.07	34,896	46.95
Not Reported/Unknown	9,261	5.07	119	9.53	3,031	4.08
TOTAL CONTRIBUTING CIRCUMSTANCES	205,110	**	1,528	**	84,217	**
NUMBER OF UNITS	182,552		1,249		74,320	

* Includes 4,646 parked or driverless vehicles.
** Totals more than 100% because of multiple driver errors.

DRIVERS AND OCCUPANTS KILLED AND INJURED BY VEHICLE TYPE

TYPE OF MOTOR VEHICLE	DRIVERS TOTAL KILLED	DRIVERS TOTAL INJURED	OCCUPANTS TOTAL KILLED	OCCUPANTS TOTAL INJURED
Passenger Car	217	25,794	149	14,550
Passenger Car and Trailer	0	9	0	6
Pickup & Panel Trucks	108	7,474	103	4,686
Pickup Truck w/camper	4	425	2	286
Truck Tractor (Only)	0	9	0	3
Truck Tractor And Semi-Trailer	12	302	0	104
Med/Heavy Truck or Combination	6	311	2	147
Farm Tractor and/or Equipment	0	4	0	1
Taxicab	0	21	0	14
Bus	0	26	0	162
Motorcycle	89	2,590	8	411
Motor Scooter, Motor Bicycle	0	24	0	3
Moped	1	15	0	1
Recreational Vehicle	15	749	13	577
Motor Home	1	25	5	41
Emergency Vehicle	0	13	0	7
Other Type of Vehicle	1	32	0	11
Vehicle Type Not Stated	5	42	4	25
TOTAL	459	37,865	286	21,035

ALCOHOL - RELATED ACCIDENTS



The statistics in the Alcohol - Related section represent those accidents where the investigating officer indicated that a driver had been drinking an alcoholic beverage and may or may not be substantiated by a blood or breath test. No assumption is to be made that the person was legally intoxicated (blood alcohol content of 0.1 % or higher) at the time the accident took place.

ALCOHOL RELATED ACCIDENTS

YEAR	TOTAL ALCOHOL RELATED ACCIDENTS	PERCENT OF ALL ACCIDENTS	PERSONS KILLED	PERCENT OF TOTAL KILLED
1984	10,802	12.30	285	32.80
1985	10,599	11.40	325	36.40
1986	10,972	11.00	387	38.40
1987	9,596	9.68	350	37.27
1888	9,013	9.37	334	35.38

Not included in the above table are 48 pedestrians and bicyclists with alcohol impairment, 5 of whom are additional fatalities.

AGE OF DRIVER	NUMBER OF DRIVERS	PERCENT OF TOTAL	DRIVERS IN FATAL ACCIDENTS	DRIVERS IN INJURY ACCIDENTS
15	21	0.23	2	10
16	79	0.86	1	44
17	118	1.28	5	61
18	271	2.95	9	140
19	320	3.48	15	157
20	340	3.70	9	187
21	398	4.33	18	201
22	429	4.66	13	256
23	474	5.15	22	252
24	454	4.93	15	249
25-34	3,224	35.04	99	1,734
35-44	1,888	20.52	65	948
45-54	665	7.23	20	358
55-24	349	3.79	14	182
65-74	139	1.51	8	62
75 & Older	32	0.35	1	18
TOTAL	9,201	100.00%	316	4,859

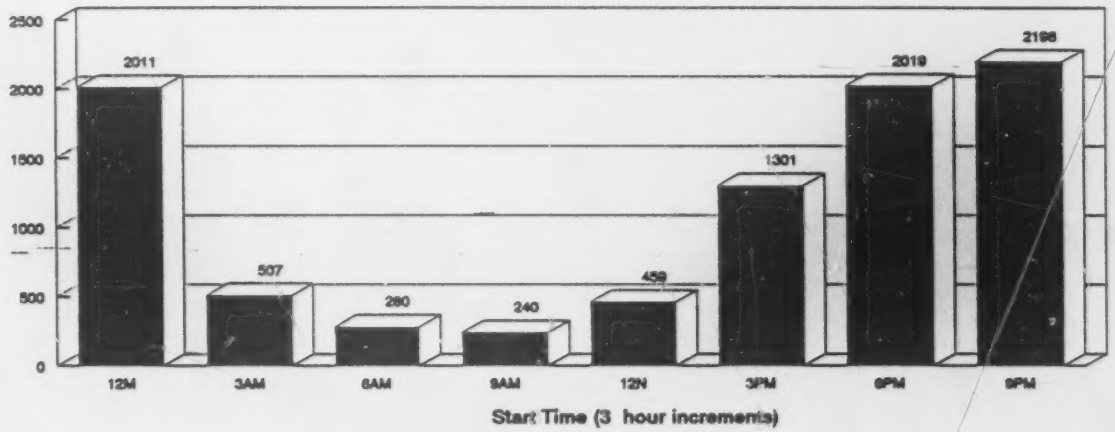
TYPE OF MOTOR VEHICLE ACCIDENT	TOTAL	FATAL	NON-FATAL INJURY	PROPERTY DAMAGE
Overturning	622	69	389	164
Other Non-Collision	238	6	163	69
Pedestrian	92	21	71	0
Motor Vehicle in Transport	4,891	122	2,694	2,075
Motor Vehicle on Other Roadway	0	0	0	0
Parked Motor Vehicle	597	8	199	390
Railway Train	1	0	0	1
Pedalcyclist	34	6	28	0
Animal	36	0	7	29
Fixed Object	2,481	64	1,193	1,224
Other Object	21	0	10	11
TOTAL	9,013	296	4,754	3,963

ALCOHOL RELATED ACCIDENTS

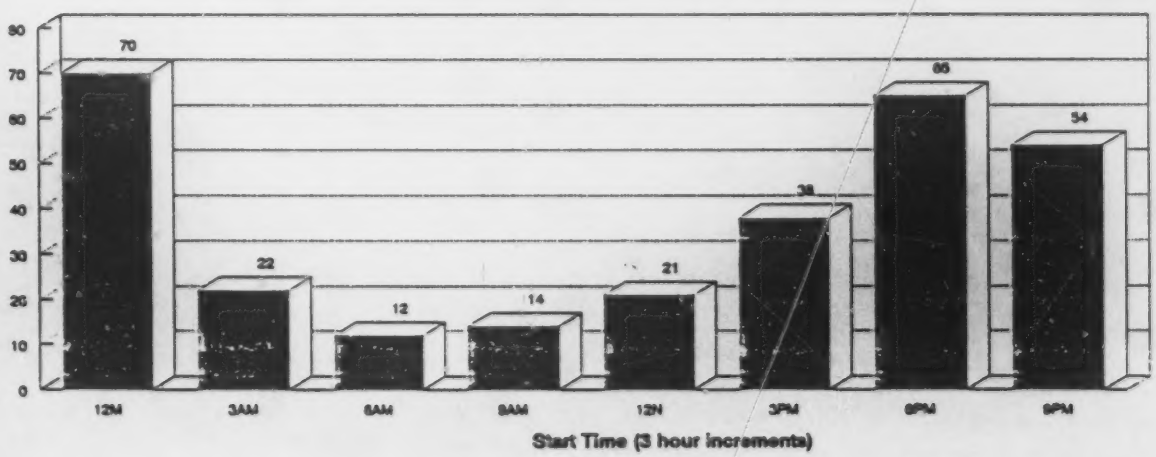
LIGHT CONDITION	NUMBER OF ACCIDENTS	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE
Daylight	2,479	96	1,303	1,080
Dawn or Dusk	365	12	195	158
Darkness	6,164	188	3,255	2,721
Not Reported	5	0	1	4
TOTALS	9,013	296	4,754	3,963

68.39% of the Alcohol Involved Accidents occured in darkness.

TOTAL ACCIDENTS

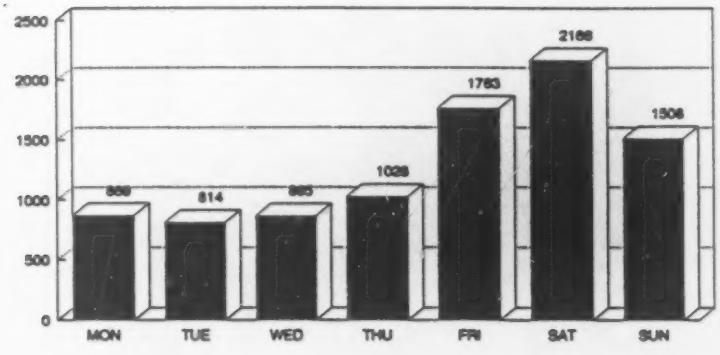


FATAL ACCIDENTS

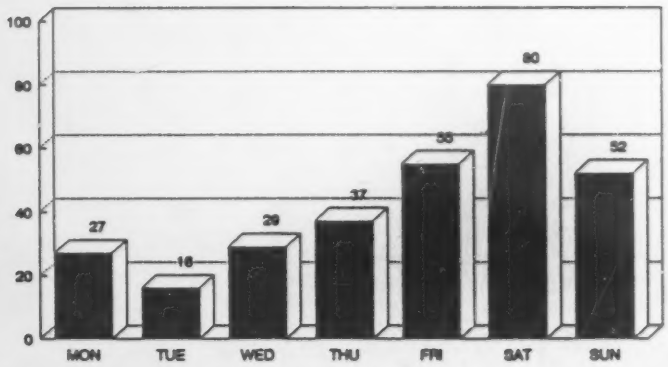


ALCOHOL RELATED ACCIDENTS

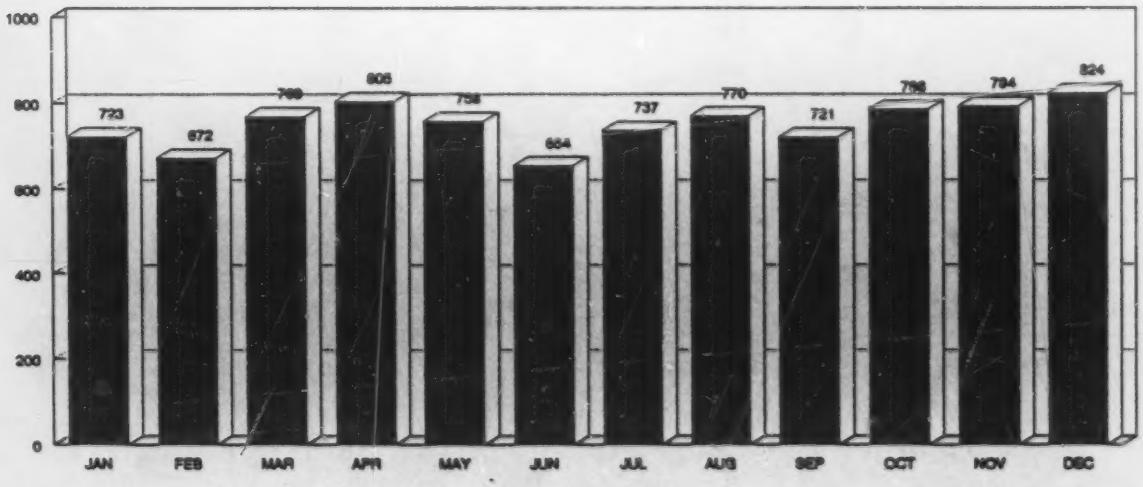
TOTAL ACCIDENTS



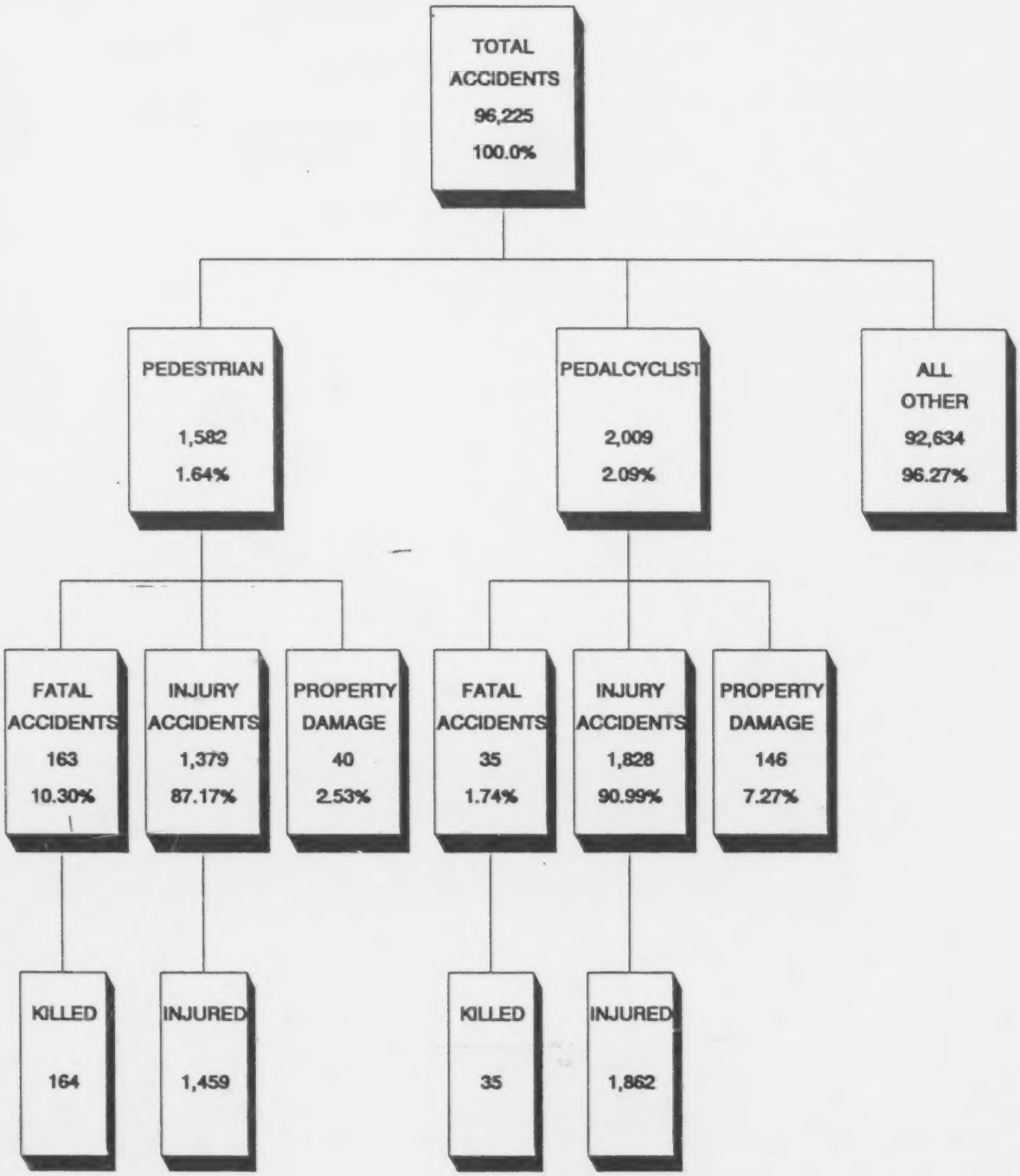
FATAL ACCIDENTS



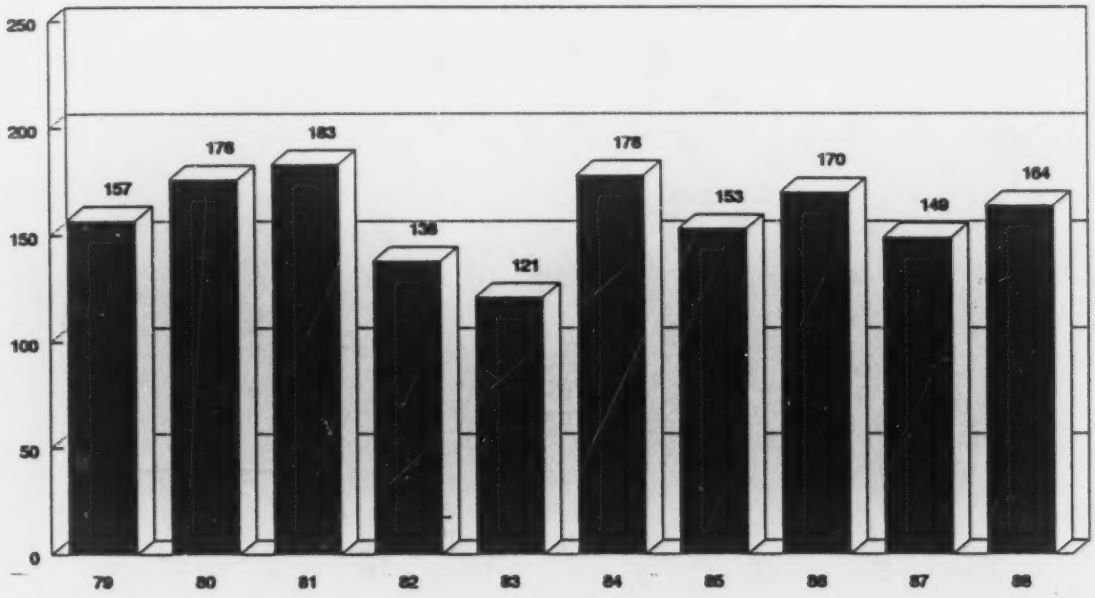
ACCIDENTS BY MONTHS



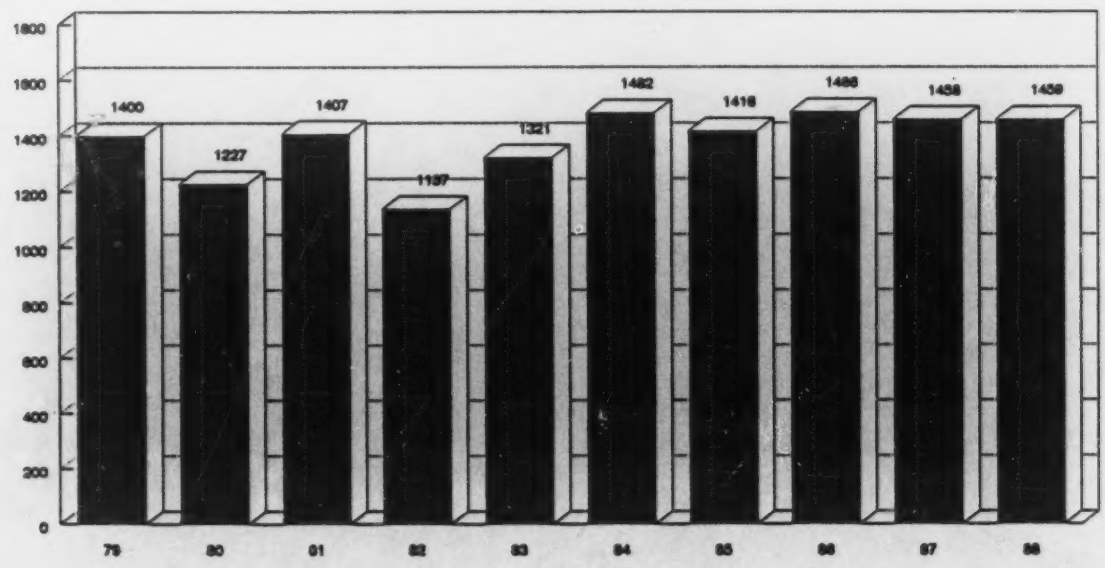
PEDESTRIAN AND PEDALCYCLIST ACCIDENTS



PEDESTRIANS KILLED
BY YEAR



PEDESTRIANS INJURED
BY YEAR



PEDESTRIAN PHYSICAL CONDITION

PHYSICAL CONDITION	NO INJURY	POSSIBLE INJURY	NON-INCAPACITATING INJURY	INCAPACITATING INJURY	FATAL	NOT REPORTED
Ability Impaired	11	33	65	101	48	1
Bodily Defects	2	3	8	6	2	0
Ill	0	1	1	3	1	0
Sleepy/Fatigued	1	0	1	0	0	0
Narcotics	0	0	0	1	0	0
No Defects	32	175	421	410	64	5
Not Reported	8	46	75	109	49	7
TOTALS	54	258	571	630	164	13

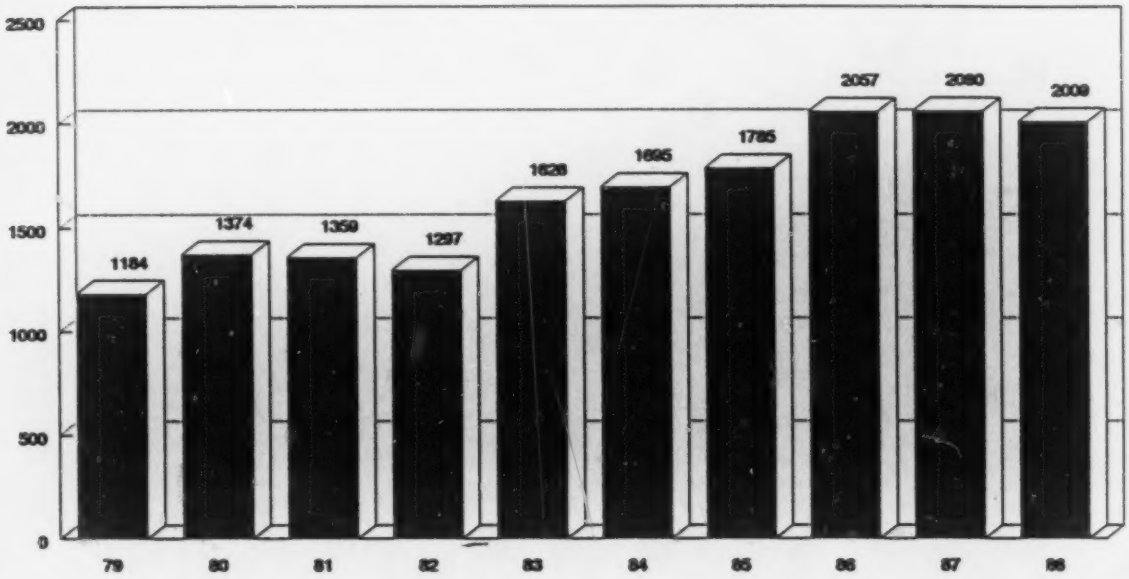
PEDALCYCLIST PHYSICAL CONDITION

PHYSICAL CONDITION	NO INJURY	POSSIBLE INJURY	NON-INCAPACITATING INJURY	INCAPACITATING INJURY	FATAL	NOT REPORTED
Ability Impaired	1	6	18	11	5	1
Bodily Defects	1	2	5	3	2	0
Ill	0	0	2	0	0	0
Sleepy/Fatigued	0	0	0	0	0	0
Narcotics	0	1	1	0	0	0
No Defects	133	353	953	365	17	11
Not Reported	7	29	60	29	11	11
TOTALS	142	391	1039	408	35	23

PEDALCYCLE ACCIDENT HISTORY

YEAR	NUMBER OF PERSONS	
	TOTAL KILLED	TOTAL INJURED
1979	14	1,197
1980	19	1,377
1981	15	1,370
1982	28	1,291
1983	13	1,487
1984	24	1,540
1985	18	1,618
1986	22	1,912
1987	20	1,913
1988	35	1,862

TOTAL PEDALCYCLE ACCIDENTS
BY YEAR

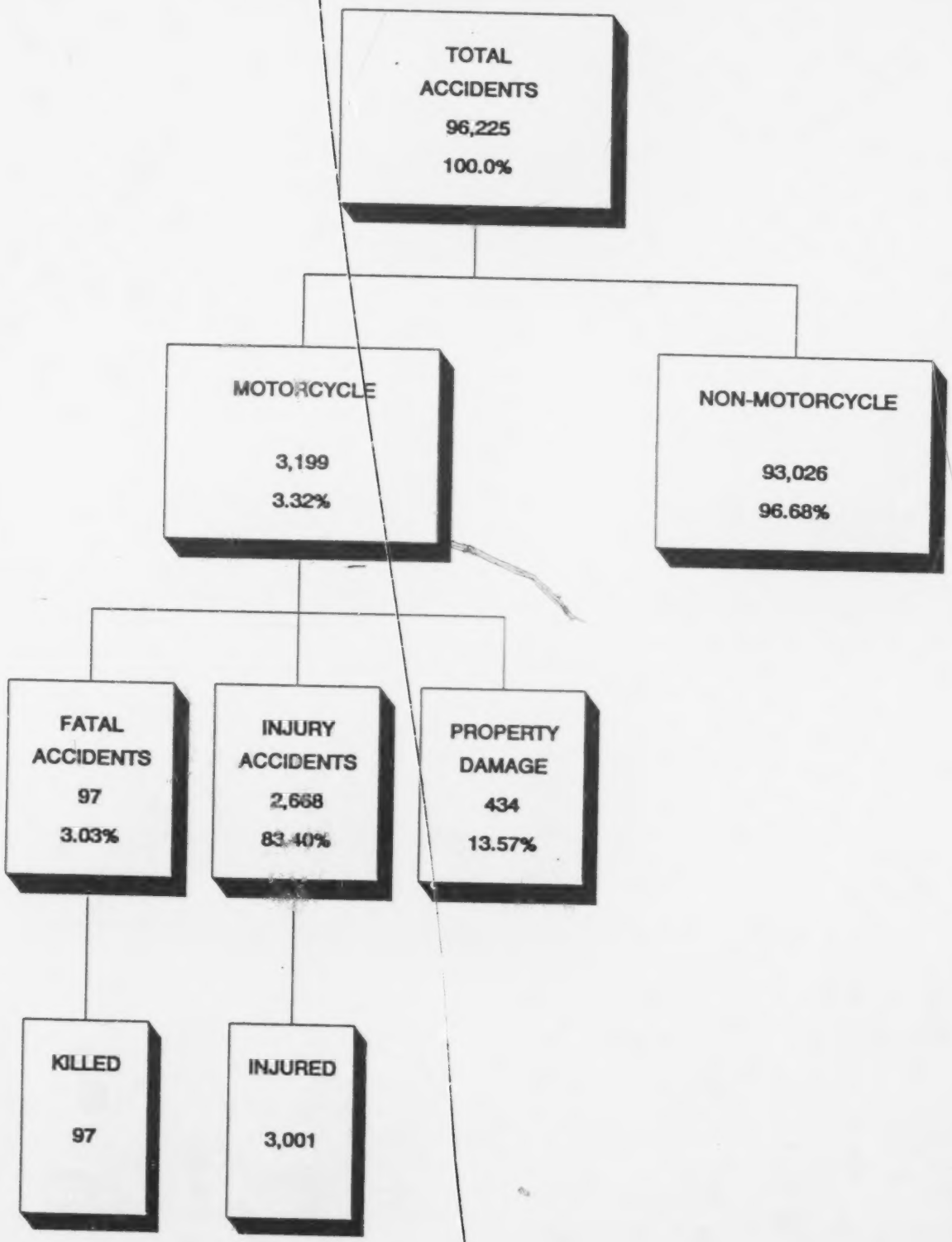


AGE AND ACTION OF PEDESTRIANS AND PEDALCYCLISTS KILLED

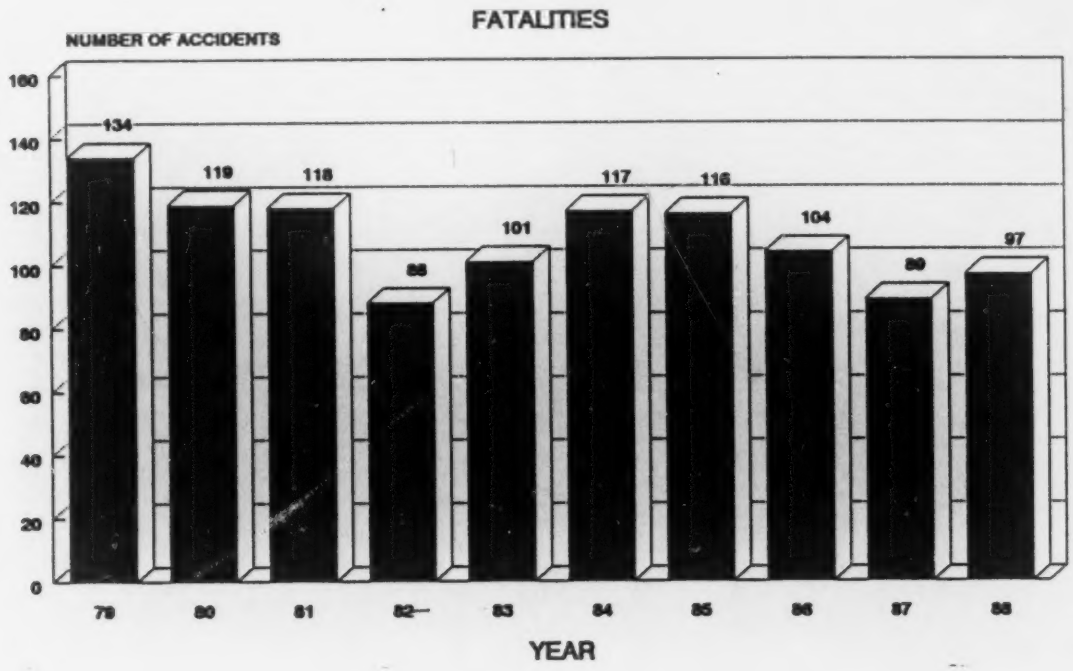
PED/PEDAL ACTION	TOTAL	0-4	5-9	10-14	15-19	20-24	25-44	45-64	65+
No Improper Action	46	2	2	3	5	2	11	9	12
Not visible due to Dark Clothing	23	0	0	1	2	5	6	7	2
Darting Into Roadway	15	1	1	2	0	1	3	1	6
Improper Crossing of Roadway	88	3	3	9	6	3	18	17	29
Standing, Lying, or Sitting on the Road	37	0	1	0	4	10	11	5	6
Inattention, Drugs, Depressed, or Emotional	12	0	0	0	0	1	4	1	6
Failed to Yield Right of Way	10	0	0	4	3	1	0	0	2
Disobeyed Traffic Signal	2	0	0	0	2	0	0	0	0
Unknown	4	0	0	1	2	0	0	0	1
TOTALS *	237	6	7	20	24	23	53	40	64

*There were 199 pedestrians and pedalcyclists killed in 1988.
The totals above show multiple actions of some of them.

MOTORCYCLE ACCIDENTS



MOTORCYCLE ACCIDENTS



AGE OF DRIVER	NUMBER OF DRIVERS	PERCENT OF TOTAL	NUMBER OF DRIVERS IN FATAL ACCIDENTS	NUMBER OF DRIVERS IN INJURY ACCIDENTS
15 & Younger	60	1.85	0	58
16	66	2.04	1	55
17	91	2.81	4	78
18-19	404	12.48	11	353
20-24	902	27.87	27	782
25-34	985	30.43	34	816
35-44	411	12.70	11	350
45-54	107	3.31	6	86
55-64	58	1.79	2	52
65-74	28	0.86	3	22
75 & Older	4	0.12	1	3
Not Stated	121	3.74	1	47
TOTALS	3,237	100.00%	101	2,702

MOTORCYCLE ACCIDENTS

DRIVERS	NUMBER OF DRIVERS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	TOTAL % DRIVERS KILLED
Helmet Used	910	28.11	21	2.31	23.60
Helmet Not Used	1,797	55.51	59	3.28	66.29
Helmet Usage Unk.	530	16.37	9	1.70	10.11
TOTAL TESTED	3,237	100.00%	89	2.75%	100.00%

PASSENGERS	NUMBER OF PASSENGERS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	TOTAL % DRIVERS KILLED
Helmet Used	102	19.81	1	0.98	12.50
Helmet Not Used	358	69.51	7	1.96	87.50
Helmet Usage Unk.	55	10.68	0	0.00	0.00
TOTAL TESTED	515	100.00%	8	1.55%	100.00%

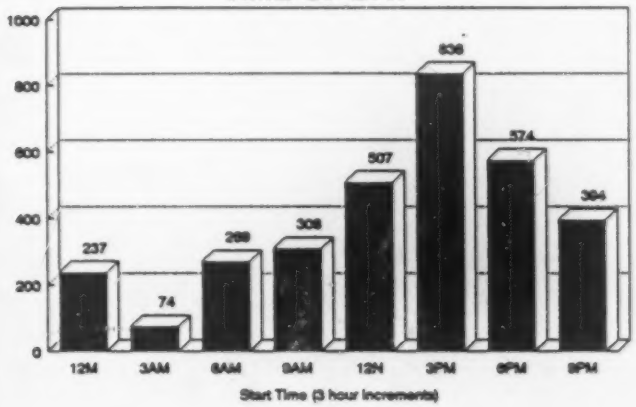
DRIVER DEFECTS	ALL ACCIDENTS NUMBER OF CASES	ALL ACCIDENTS % OF UNITS	FATAL ACCIDENTS NUMBER OF CASES	FATAL ACCIDENTS % OF UNITS	INJURY ACCIDENTS NUMBER OF CASES	INJURY ACCIDENTS % OF UNITS
Had Been Drinking	363	11.21	34	33.66	313	11.58
Ill, Ability Influenced	4	0.12	0	0.00	4	0.15
Other Bodily Defects	6	0.19	0	0.00	5	0.19
Influence of Narcotic Drugs	3	0.09	0	0.00	3	0.11
Sleepy, Fatigued	12	0.37	1	0.99	10	0.37
No Apparent Defects	2,556	78.96	40	39.60	2,182	80.75
Not Reported	297	9.18	27	26.73	188	6.96
TOTAL DEFECTS	3,241	**	102	**	2,705	**
NUMBER OF UNITS	3,237		101		2,702	

* Totals more than 100% due to multiple conditions.

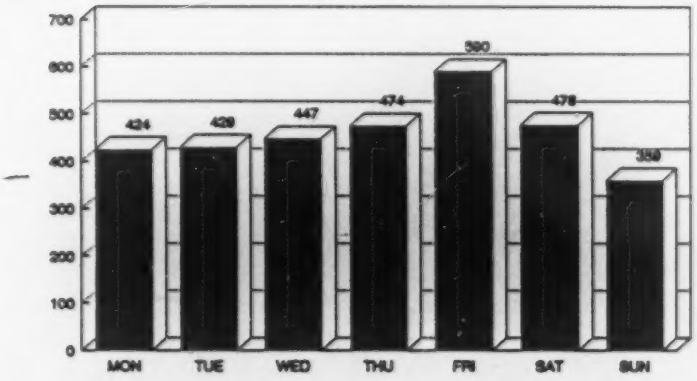
ACCIDENT TYPE	TOTAL	FATAL	NON-FATAL INJURY	PROPERTY DAMAGE
Overturning	35	1	32	2
Other Non-Collision	697	8	623	66
Pedestrian	20	1	19	0
Motor Vehicle in Transport	2,009	58	1,641	310
Motor Vehicle on Other Rdwy.	0	0	0	0
Parked Motor Vehicle	50	1	29	20
Railway Train	0	0	0	0
Pedalcyclist	23	0	23	0
Animal	32	1	31	0
Fixed Object	321	27	261	33
Other Object	12	0	9	3
TOTALS	3,199	97	2,668	434

MOTORCYCLE ACCIDENTS

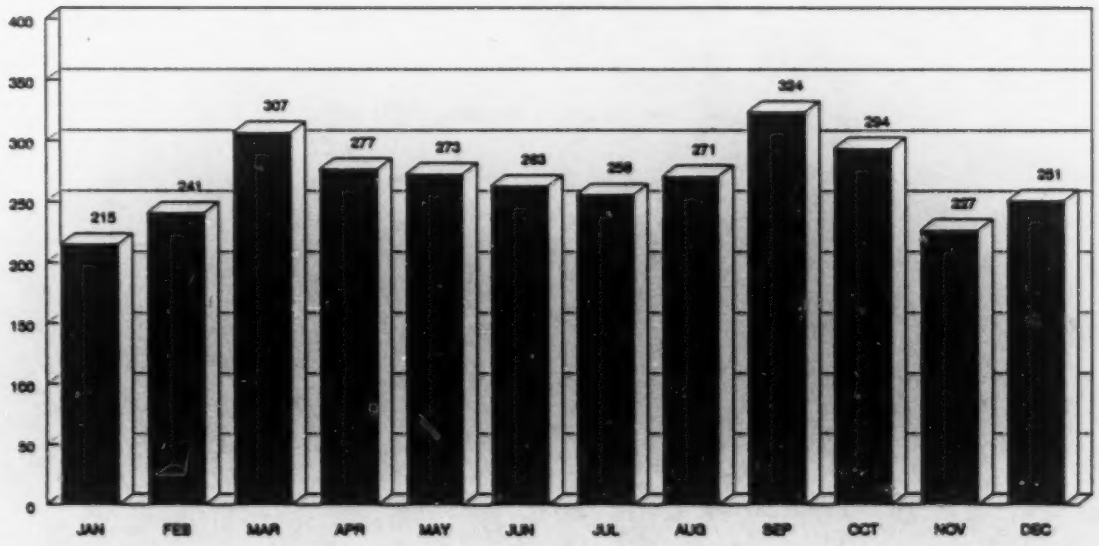
TIME OF DAY



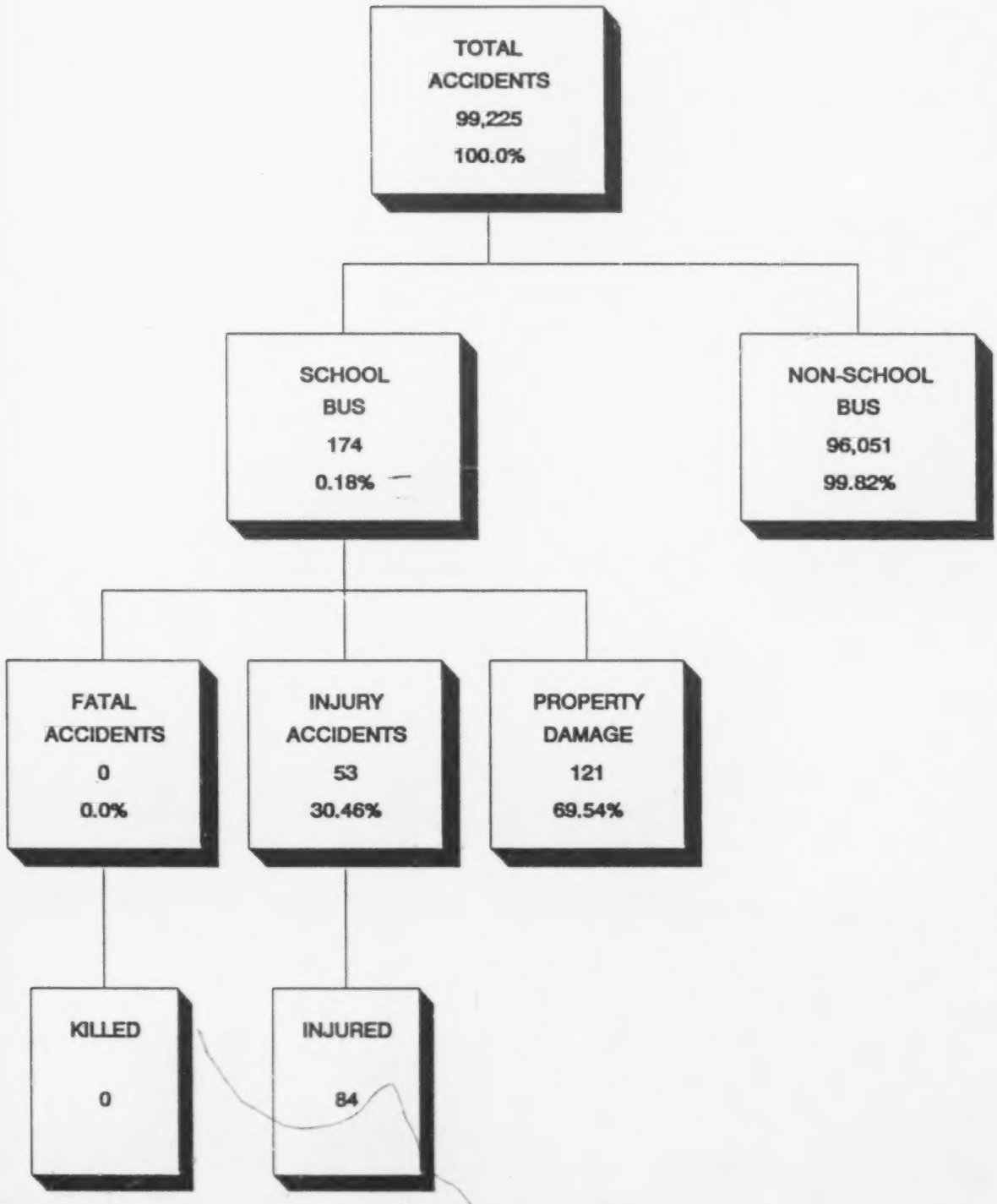
DAY OF WEEK



BY MONTH



SCHOOL BUS ACCIDENTS



SCHOOL BUS ACCIDENTS

	1983	1984	1985	86/87	87/88
Number of Public School Buses	3,269	3,316	3,455	8,575	8,863
Number of Contracted School Buses (Est.)	68	70	75	808	774
Total Number of School Buses	3,337	3,386	3,530	9,383	9,637
Total Miles Driven (Millions)	27.9	35.2	33.0	36.0	35.2
Public School Pupils Transported Daily	197,246	199,986	205,251	219,742	218,174
Total Number of School Bus Accidents	166	208	225	211	174
INJURIES AND FATALITIES					
Pupil Passengers:					
Killed	0	2	0	0	0
Injured	64	240	91	37	18
Bus Drivers:					
Killed	0	0	0	0	0
Injured	18	11	7	9	9
* Others:					
Killed	0	1	5	0	0
Injured	47	101	37	35	57
* Category OTHERS are victims who were not inside the School Bus.					
Property Damage Only:					
Accidents	118	141	158	146	121
Accident Time of Day:					
A.M.	79	83	113	96	82
P.M.	87	125	112	115	92
Accident Location:					
Interstate Highway	6	5	5	8	4
State Highway	15	10	8	25	9
County Road	22	33	12	33	33
City Street	120	158	193	140	126
Other	3	2	7	5	2
Weather Conditions:					
Clear and Dry	130	175	170	164	141
Rain	11	11	14	8	10
Snow or Ice	4	1	3	10	2
Dusty or Windy	0	0	2	1	0
Fog	1	1	1	1	1
Cloudy	20	21	35	27	20
Vehicles Involved:					
Automobiles	103	149	147	144	117
Pickups	42	56	71	40	33
Large Trucks	11	13	8	7	9
Others	11	17	10	19	11

Statistics involving pupils, buses, and mileage are from the Department Of Education. Our data is being phased into a school year basis to duplicate their records system.

Arizona Department of Transportation
Traffic Records Unit
1739 West Jackson St. Mail Drop 064R
Phoenix , Arizona 85007 - 3276

ADDRESS CORRECTION REQUESTED

BULK RATE
U.S. POSTAGE
P A I D
Phoenix, Arizona
PERMIT NO. 373